



Makerere University
College of Health Sciences
School of Public Health



ANNUAL REPORT

Aug 2010 - July 2011

www.musph.ac.ug

The Vision:

"To be a centre of excellence providing leadership in Public Health"

The Mission:

"To promote the attainment of better health for the people of Uganda and beyond through Public Health Training, Research and Community service, with the guiding principles of Quality, Relevance, Responsiveness, Equity and Social Justice".

Values:

- Integrity
 - Openness
 - Team Spirit, and,
 - Quality Training
-



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Acronyms and Abbreviations

AFENET	Africa Field Epidemiology Network
AIDS	Acquired immune deficiency syndrome
ANC	Antenatal Care
ANECOA	African Network for Care of Children Affected by HIV/AIDS
ART	Anti-Retroviral Therapy
BEHS	Bachelor of Environmental Health Sciences
CDC	(US) Centres for Disease Control and Prevention
CEPA	Campaign to Eliminate Paediatric AIDS
CHWs	Community Health Workers
CRA	Community Risk Assessment
DFID	Department For International Development
DHO	District Health Officer
DNA-PCR	deoxyribonucleic acid- polymerase chain reaction
DQA	Data Quality Assurance
DRC	Democratic Republic of Congo
ECSA	East Central and Southern Africa
EGPAF	Elizabeth Glaser Pediatric AIDS Foundation
ENGAGE	Eliminating National Gaps-Advancing Global Equity
EQUIP	Expanded Quality Management using Information Power
EU	European Union
FANTA	Food and Nutritional Technical Assistance
GIS	Geographical Information System
HA	Health Alliance
HCP	Health Communication Partnership
HCSP/MSH	HIV Care and Support program/Management Sciences for Health
HDSS	Health Demographic Surveillance Site
HDT	Human Development Trust
HED	Higher Education for Development
HEMP	Health Emergency Management Program
HEPS	Coalition for Health Promotion and Social Development
HPPM	Health Policy, Planning and Management
HSA	Health Systems Assessment
HSD	Health Sub District
HSSP	Health Sector Strategic Plan
IDRC	International Development Research Centre



IPs	Implementing Partners
KCC	Kampala City Council
KETAM	(Kenya) African Treatment Access Movement
LINQED	Learning together on Quality in Education in International Health
M and E	Monitoring and Evaluation
MAAIF	Ministry of Agriculture Animal Industry and Fisheries
MakSPH	Makerere University School of Public Health
MANEST	Maternal and Newborn Study
MATRAM	(Mozambique) African Treatment Access Movement
MDG	Millennium Development Goal
MHSR	Master of Health Services Research
MMC	Male Medical Circumcision
MoH	Ministry of Health
MPH	Masters of Public Health
MUHAS	Muhimbili University of Health and Allied Sciences
MUSK	Makerere University Sciences Knowledgebase
MUWRP	Makerere University Walter Reed Program
NCD	Non Communicable Diseases
NGOs	Non Governmental Organisation
NIH	(US) National Institutes of Health
NUMAT	Northern Uganda Malaria, AIDS and TB Program
OER	Open Education Resources
OHCEA	One Health East and Central Africa
OPD	Out-Patient Department
PATA	Positive Action for Treatment Access
PATAM	Pan-African Treatment Access Movement
PATH	Program on Appropriate Technology for Health
PHCE	Public Health in Complex Emergencies
PhD	Doctor of Philosophy
PI	Principal Investigator
PMTCT	Prevention of Mother To Child Transmission (of HIV)
PNC	Postnatal Care
PRB	Population Reference Bureau
QM	Quality Management
RCQHC	Regional Centre for Quality of Health Care
RTI	Research Triangle International
SDS	Safe Deliveries Study

SMC	Safe Male Circumcision
SNL	Saving Newborn Lives
TOT	Trainers of Trainers
TUSK	TUFTS University Sciences Knowledgebase
UDHS	Uganda Demographic and Health Survey
UHCA	Uganda Health Communication Alliance
UNACOH	Uganda National Association for Community and Occupational Health
UNAIDS	The Joint United Nations Programme on HIV/AIDS
UNAP	Uganda Nutrition Action Plan
UNESCO-IHE	– The United Nations Educational, Scientific and Cultural Organisation-Institute for Water Education
UNEST	Uganda Newborn Study
UNICEF ESARO	The United Nations Children's Fund Eastern and Southern Africa
USAID/EA	US Agency for International Development/East Africa
WHO/AFRO	World Health Organisation Regional Office for Africa



Dean's Overview



Dear Reader,

We are happy to be sharing with you once again the achievements from Makerere University School of Public Health.

As a leading institution in public health research, training and service provision (including Consultancy), the last one year has seen us attracting more partners, students (especially from other parts of the world) and more funding from major agencies.

This report gives a fairly detailed account of the key achievements that we have registered, in the areas of research and innovations, teaching and learning, service to community, scientific writing and publication, partnership formation and networking.

In our work, we have taken on wider geographical coverage; some of our projects serve the whole African continent. One example here is the Centre for Tobacco Control in Africa (CTCA), based in the University premises in Kasangati. We have also started new partnerships with institutions covering a wider geographical area like Bangladesh, India, Cambodia, among others.

Our research portfolio has continued to grow and expand; our work in maternal and newborn care has been strengthened by more partners and research projects coming on board. We are also moving into the less researched area of post-conflict health systems; focusing on human resources and financing policies in Northern Uganda.

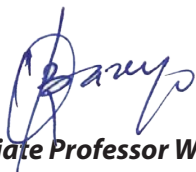
We have continued to contribute to the vision of Makerere University College of Health Sciences, which is; 'A Leading and Transformational institution for academic excellence and innovation in health sciences in Africa'.

We would like to thank all our partners, staff of the School and the College, the



students, the various communities and the media fraternity for all the enthusiasm and interest, you each, have shown in working and collaborating with the School. These achievements are indeed a result of collaborative efforts!

I thank you very Much and enjoy reading the report.

A handwritten signature in blue ink, appearing to read 'Bazeyo', is positioned above the printed name.

Associate Professor William Bazeyo
Dean



Teaching and Learning

Academic Registrar's Office

A) Student Enrolment for Academic Programs

The table below gives student enrolment numbers for the last one year and it includes numbers for undergraduate, postgraduate (Masters and PhD) students. It is important to note that the PhD students also include faculty at the School of Public Health.

SEX	BEH I	BEH II	BEH III	MPH I	MPH II	MPH DE I	MPH DE II	MPH DE III	MPHN I	MPHN II	MHSR I	MHSR II	PHD	TOTAL
F	7	11	18	4	5	12	13	16	3	2	6	1	12	110
M	27	25	24	14	8	16	18	25	6	3	4	4	12	186
TOTAL	34	36	42	18	13	28	31	41	9	5	10	5	24	296

Analysis: Total students = 296

Male = 63%

Female = 37%

Individuals trained on Short Courses

Department	Course	Number
Epi-Bio	Epidemiology and Biostatistics	20
HPPM	Certificate in Health Services Management	38
DCEH	Fellowship	340
DCEH	META	202

MakSPH Revolutionises Teaching by Introducing e-Learning Management System

MUSK (Makerere University Sciences Knowledgebase) is a web-based platform that allows storage and retrieval of teaching materials, discussions with students, access to library, enables evaluations by students, has course content management tools and can be used via mobile phones. MUSK is a customized version of TUSK (TUFTS University Sciences Knowledgebase) which started in TUFTS University and has been in existence since 1994. MUSK has been improved to suit local needs and more programming and content changes have been effected by joint effort of staff of School of Public Health (MakSPH), Makerere University School of Veterinary Medicine (SVM) and Tufts University.

Click the link to find out how the system works and what achievements:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/academics/65-maksph-introduces-e-learning>

Department of Epidemiology and Biostatistics

Pioneer MHSR Officers graduate

The Master of Health Services Research (MHSR) Program had four of the pioneer MHSR Officers graduate in January 2011. Currently all the graduates are employed in research and academia. Ms. Doris Kwesiga is employed by MakSPH in the Department of Epidemiology and Biostatistics to boost the MHSR Program, while Ms. Vivian Zalwango, Mr. Amos Drasiku and Mr. Rogers Sekabira are working with research institutions.

Click the link to find out how the system works and what achievements:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/academics/64-pioneer-mhsr-officers-graduate-as-international-students-join-the-program>

Department of Health Policy, Planning and Management

HPPM Spearheads Development of the M & E Curriculum

For the bigger part of this year, the Department of HPPM worked to develop a curriculum in Masters of Monitoring and Evaluation in Public Health which has been developed with the intention to bridge the M & E in Uganda and region gap which has not only been in Health but other sectors that impact on the health of

Meanwhile international students enrolled on the program under a special arrangement with partners



the people, as well. This curriculum was approved by the School of Public Health and the College of Health Sciences Boards pending approval by the Senate. Details can be accessed at this link:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/academics/66-hppm-develops-m-a-e-curriculum>

Track-based MPH Fulltime Curriculum Rolled out Successfully

The School is now implementing the revised MPH track-based curriculum with the 4 tracks of 1) Health Systems, 2) Reproductive Health, 3) Environmental Health, and 4) Applied Epidemiology. The first set of students under the new curriculum is now in its second year.

Thomas Ochar - of the RH track making a presentation during a graduate seminar



MPH Alumni Association Finally Formed and Inaugurated

A panel discussion during the alumni meeting in Kampala



Meanwhile, Ugandan alumni of the Master of Public Health (MPH) Programme from MakSPH and Institute of Tropical Medicine, Antwerp, Belgium, formed an association to facilitate linkages, continuous networking and

sharing among them. The first meeting was held on 12th March 2011 in Kampala,

where an interim committee for the association was elected with immediate tasks of drafting Articles of Association and carrying out a needs assessment to determine the issues that will form the association's first core activities. Details can be accessed at this link:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/academics/68-mph-alumni-association-formed-and-inaugurated>

B) Capacity Strengthening Trainings and Short Courses

Department of Epidemiology and Biostatistics

Short courses in Epidemiology and Biostatistics gain popri

The Department run its second batch of trainees in the Epidemiology and Biostatistics short courses and the intake numbers are encouragingly going up. This year 22 participants graduated as compared to 13 the previous year. Graduation for this year's cohort was held on 22nd July 2011 where trainees received their certificates from then Acting Dean of MakSPH, Dr. Christopher Garimoi Orach. The Department runs the courses once a year, in addition to tailor made courses in areas like data management for interested organisations.

Dr. Orach handing over a certificate to one of the trainees. Looking on is Course Coordinator Dr. Nazarius Mbona Tumwesigye



Details can be accessed at this link:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/academics/69-short-courses-in-epidemiology-and-biostatistics-gain-popularity>



Department of Health Policy, Planning and Management

Certificate Course Graduates 38 Health Workers

A total of thirty eight (38) health workers graduated with certificates in Health Service Management from Makerere University School of Public Health. The 38 comprise the 4th intake on the 9-month distance education course that targets health workers involved in the day-to-day running of health facilities and provision of health services in Uganda. The Guest of Honor emphasised a key topical area in health service delivery today. The rest of the report is here:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/academics/102-certificate-course-graduates-38-health-workers>

Department of Community Health and Behavioural Sciences

Health of the Displaced Populations

The Department of Community Health and Behavioural Sciences conducted this short course from 21st March to 1st April, 2011. It was one of a series held in East Africa under the EDULINK project funded by the European Union (EU). There were 28 participants from International NGOs, Government departments, districts and Universities. This course equipped participants with skills to handle critical emergency health issues among the displaced populations. Content covered included Disaster risk reduction, vulnerability assessment, rapid needs assessments in displacement, environmental health in complex situations, Monitoring and Evaluation, health impacts of displacement and how to deal with them among other topics.

Similar short courses were held in Tanzania and Kenya.

Please follow the link for details:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/academics/70-health-of-the-displaced-populations-course-conducted>

*Learn more about
PHCE:*

- <http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/academics/103-public-health-in-complex-emergencies-phce>

Public Health in Complex Emergencies (PHCE)

The Department conducted yet another training in Public Health in Complex Emergencies (PHCE) from 15th to 27th November 2010 in Kampala Uganda. This is the 11th time of running the course whose aim is to enhance the capacity of individuals and institutions to effectively respond to Public Health needs in emergency settings internationally. There were 19 participants from 10 countries in Africa, Europe and North America. The participants came from WHO, International NGOs and National Ministries of Health. The trainers/facilitators for the course were drawn from several institutions both academic - Makerere University College of Health Sciences- School of Public Health and School of Medicine, and Humanitarian agencies- World Health Organisation, World Food Programme, and International NGOs. Participants were taken through various modules including Context of Complex Emergencies, Epidemiology, Communicable Diseases, Reproductive Health, Nutrition, Environmental Health, Protection and Security, Violence, Weapons and Trauma, Psychosocial Issues and Coordination.

Staff Update Skills in Disaster Risk Reduction

Dr. Justine Bukenya from the Department of Community Health and Behavioural Sciences, attended two short courses hosted by the Disaster Mitigation for Sustainable Livelihoods Programme of Stellenbosch University -South Africa. The two courses were;

1. Disaster and Development: Reducing risk and protecting livelihood (5th-11th July, 2011)
2. Community Risk Assessment- A focus on informal settlements from (12th-21st July, 2011)

Go here for details of the training:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/academics/71-staff-update-skills-in-disaster-risk-reduction>

Department of Disease Control and Environmental Health

The Fellowship Program Expands its Scope of Training

Since April 2011, the MakSPH-CDC HIV/AIDS Fellowship Program expanded its scope of focus from HIV/AIDS to include other health programs including maternal



Learn more about this expansion and how you can benefit from it:

<http://musph.ac.ug/about-maksp/h/maksp-year-in-review/2011-year-in-review/academics/72-the-fellowship-program-expands-its-scope-of-training>

health, child health, and malaria, among others.

Isolated or parallel HIV interventions that do not address the broader capacity needs of the health sector may be compromised in terms of effectiveness, efficiency and sustainability. The move by the Fellowship Program to expand the leadership and management training beyond HIV was intended to respond to the leadership and management capacity needs within the health sector, and to create more opportunities for experiential learning for other important tracks within health.

MakSPH-CDC HIV/AIDS Fellowship Program Introduces Fellows' Debate Series

The Fellowship Program, with effect from the 2011/13 intake, has initiated a practice where Fellows are assigned topics to debate on. The topics are pre-determined and are allocated to the Fellows by the Fellowship Program.

The purpose of the debates is to improve Fellows' abilities to analyze, synthesize, and use information to sustain a debate; stimulate learning, enhance critical thinking, improve communication skills, and build Fellows' reading culture. We envisage that acquisition of skill-sets will help Fellows to acquire core competencies in effective communication and analytical thinking, among others. Criteria for assessing the debates include a critical appreciation of the basic facts presented, communication skills, response to questions, and overall presentation style.

Regional Centre for Quality of Health Care (RCQHC)

To find out the issues that have been handled click here:

<http://musph.ac.ug/about-maksp/h/maksp-year-in-review/2011-year-in-review/academics/75-rcqh-canecca-trains-health-care-providers-in-paediatric-hiv-service-delivery>

RCQHC/ANECCA Trains Health Care Providers in Paediatric HIV Service Delivery

RCQHC/ANECCA (African Network for Care of Children Affected by HIV/AIDS) Program utilizes existing local human resources to increase access to, and improve the quality of care provided to HIV affected children in Africa. ANECCA provides technical support to in-service training programs in Uganda, Kenya, Tanzania, Rwanda, Burundi, Zambia, Zimbabwe, Namibia, DRC, and some W. African countries.

During August 2010-July 2011, ANECCA provided Technical assistance to Management Science for Health –Ethiopia and Ministry of Health to strengthen the paediatric component of the HIV service at the HIV Care and Support program HCSP /MSH supported Health Centres. The table below shows the total number of health care providers trained and those mentored.

The Centre Supports National Paediatric HIV/AIDS Scale up in Uganda and Burundi

RCQHC in partnership with HCP supported the MOH/AIDS Control Programme (ACP) to scale up pediatric HIV services in Uganda. In March 2011, RCQHC conducted a TOT training of 40 health care workers, who are national trainers on the harmonized National Curriculum on pediatric HIV care and treatment, who later trained front line health care workers in the 5 regions in Uganda. Participants came from MoH, RTI, NUMAT, STA-SW, UR-HCI, EGPAF, Baylor College of Medicine, Mulago Hospital, Regional hospitals, district hospitals and Gulu University.

In addition, with USAID/EA support, a total of 24 health care service providers from health centre and district hospital levels in Burundi, were equipped with skills and knowledge in care and treatment of pediatric HIV/AIDS.

Summary of trainings during the period July 2010-June 2011

Program area	Number of health care workers trained		
	Female	Male	Total
HIV/AIDS (paediatric HIV care and treatment)	15	74	89
Infectious diseases – Tuberculosis	129	130	259
Maternal health	453	601	
Child Health Nutrition	87	81	168
Family planning/ Reproductive Health	18	34	52

**For details:**

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/academics/73-rcqhc-works-to-reposition-family-planning-and-fistula-care-in-the-media>

RCQHC works to Reposition Family Planning and Fistula Care in the Media

The Centre, with support from USAID/EA worked with country associations of obstetrics and gynaecology as well as media experts from Uganda, Tanzania, Rwanda and Kenya to conclude the development of the curriculum on *Repositioning Family Planning In the Media, The Quality of Care in Fistula Care* as well as the development of a short course for frontline health workers on family planning quality of care. These curricular are now undergoing final review.

Office of the Dean

The Higher Education Alliance for Leadership through Health

The Health Alliance (HA) programme brings together 7 Schools of Public Health in Eastern Africa. The HA has previously organized 8 Deans' meetings and summits, and several activities in leadership, e-learning, and disaster management.

With the leadership Initiative, several trainings have taken place over a period of two years under the coordination of Dr. Geoffrey Kabagambe and Dr. Juliet Babirye, with the aim of building capacity in leadership in the region.

The Health Emergency Management Programme (HEMP) was one of the projects implemented by the HEALTH Alliance and was jointly facilitated by Dr. Christopher Orach and Dr. Roy Mayega with the objective of planning for disaster response using the all hazards and vulnerability approach. Several major outputs and outcomes were realised

Details on our website are here:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/academics/74-the-higher-education-alliance-for-leadership-through-health-health>



Service to Community

Department of Health Policy, Planning and Management

ENGAGE Project Comes to a Successful Close

Makerere University School of Public Health (MakSPH) and the Washington-based Population Reference Bureau (PRB), working with local partners in Uganda have been implementing a maternal health policy advocacy campaign using Multi-Media Presentations using Trendalyzer software to create policy awareness for improved maternal health outcomes, focusing on family planning and post-abortion care.

A cross section of Participants at the workshop in Kumi that brought together over 50 policy and decision makers from the Teso region



The presentations were designed focusing on 1) the impact of high fertility on the mother and her family and 2) the bigger picture; the impact of high fertility on economic growth and development.

The details on the outcome of this project, Please visit our website at:

<http://musph.ac.ug/about-maksp/maksp-year-in-review/2011-year-in-review/service-to-community/89-engage-project-comes-to-a-successful-close>



MakSPH Contributes to Circumcision Policy and Communication Strategy through the MMC Communication Project

The Department of Health Policy, Planning and Management, supported the Ministry of Health (MOH) to finalise and launch the National Policy and the Communication Strategy on Safe Male Circumcision (SMC).

The State Minister for Health Dr. Richard Nduhura launching the SMC Policy and the Communication Strategy. Seated (l-r) are Country representative UNAIDS, Director General of Health Services, WHO Country representative PEPFAR Country representative and Chairperson of the National Prevention Committee of Uganda AIDS Commission



The details can be found here:

<http://musph.ac.ug/about-maksp/maksp-year-in-review/2011-year-in-review/service-to-community/90-maksp-contributes-to-circumcision-policy-and-communication-strategy-through-the-mmc-communication-project>

MakSPH also provided technical assistance to the Ministry of Health to disseminate the national policy and communication strategy on SMC. Eight regional dissemination workshops were held in 34 districts in the Northern, Western and Eastern Uganda, targeting, civil and religious leaders and health workers. The objectives of the dissemination were to:

Provide stakeholders with an update on the progress made on implementing SMC in Uganda Advocate for support for the new SMC policy from leaders

Department of Community Health and Behavioural Sciences

Quality Assurance for the Uganda Demographic and Health Survey 2011 (UDHS V)

The School of Public Health, through the Department of Community Health and Behavioural Sciences is providing independent quality assurance services for the

5th UDHS 2011. The UDHS is a national survey conducted after every 5 years by Uganda Bureau of Statistics to collect important demographic and Health statistics that guide national planning for different activities and track progress on various indicators especially health related. Fieldwork started in June 2011 and will go on for about 5 months in all the 112 districts of Uganda.

This Independent Quality assurance team is led by Dr. Christopher Garimoi Orach, working with Mr. Simon P. S. Kibira and Mr. Saul Kamukama.

The details on the outcome of this project, Please visit our website at:

- <http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/service-to-community/91-quality-assurance-for-the-uganda-demographic-and-health-survey-2011-udhs-v>

MINIMAX Project: Minimal drug use for maximal effect:

pre-packed medicines for acute febrile illnesses and diarrhoea to private sector drug shops in Uganda

"Fever" is the most common symptom of the diseases that kill 10 million

children per year in families around the world. The main killer diseases; malaria and pneumonia both present

with fever and rapid breathing and these symptoms overlap in one third of sick children in Ugandan health centres, (see Figure below). Fever also overlaps with diarrhoea, the third killer disease. Without diagnostic tests health workers do not know which drug to give to one child out of three. In Uganda where more than 10% of children die before their fifth birthday we have found that many children dying from pneumonia had indeed first been treated with malaria drugs. Oral Rehydration Solution including zinc is rarely given in fever treatment despite the symptom overlap with fever.



Many sick children do not have access to good quality health services. In rural Uganda we found that **two thirds of febrile children were treated at home with drugs from informal drug sales in the ubiquitous private shops**. However, children mostly get old and ineffective drugs from these small shops, while the



drug resistance is mounting . Yet new and effective drugs exist, but only miles away in the closest public health center.

We have a project assessing the possibility and effects of introducing and promoting pre-pavol drugs for acute febril illness

Visit our website for more information about the project

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/service-to-community/99-minima-project-minimal-drug-use-for-maximal-effect>

Partner's enhancing resilience to persons exposed to Risk (Periperi U) Project

Details here:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/service-to-community/92-partners-enhancing-resilience-in-people-exposed-to-risk-periperi-u-project>

Over the last one year, Peri Peri U at MakSPH achieved the following:

- A. Completed development of the Master of Public Health Disaster Management program which has already been approved at the School and College levels
- B. Successfully carried out the 11th popular course on public Health in Complex Emergencies for health workers in emergency situations
- C. Continue with the Unmet Obstetric Needs study in Northern Uganda
- D. Four department staff participated in 2 short courses on disasters and development and Community Risk assessment at University of Cape Town, South Africa

Community Health and Behavioral Sciences staff at a PeriPeri U workshop in Cape Town, South Africa



- E. Two department staff participated in a course on Monitoring and Evaluation in Disaster Risk Reduction and Climate Change Adaptation

Department of Disease Control and Environmental Health

IDRC - Banda Slums Project Completes Successfully

The project was being implemented in Banda Parish, Nakawa Division, Kampala District, and it ended in May 2011. The general objective of the project was to improve the status of the environment and health in communities in Banda Slums through community pro-active, sustainable and gender sensitive interventions.

Among other activities, the project conducted a policy review focusing on how KCC Policy addresses the health and environment needs of slum communities; the review revealed major challenges.

Follow this link for the details

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/service-to-community/93-idrc-banda-slums-project-completes-successfully>

Higher Education for Development (HED) Project to Promote Sanitation and Hygiene in Urban Communities

The HED Project is a three-year drinking water supply, sanitation and hygiene promotion intervention, aimed at improving the health status of the inhabitants of the urban communities of Kikulu zone (Kawempe Division) Kampala City and in Kikooza, Lweza, Ngandu and Kitega in Mukono Municipality. The goal of the project is to improve the health status of these communities through implementation of strategies targeting access to safe drinking water and improved sanitation facilities. To learn more about how the project is implemented, follow the link:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/service-to-community/94-higher-education-for-development-hed-project-to-promote-sanitation-and-hygiene-in-urban-communities>



Water Aid – Uganda Supports Students to Construct Water Sources for Rural Communities

Together with the Department of Disease Control and Environmental Health, Water Aid Uganda is engaged in Water and Sanitation capacity building project in Amuria, Katakwi and Mpigi districts. It involves water quality surveillance, water facility functionality assessment and training of NGOs and local government personnel in water and sanitation issues.

In addition, WaterAid-Uganda funded a spring protection which was done by the Year II and Year III BEHS students, in Kikubamutwe village in Gomba district. WaterAid-Uganda also funded part of the field work activities for a PhD work. Follow this link for the details

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/service-to-community/95-water-aid-uganda-supports-students-to-construct-water-sources-for-rural-communities>

MakSPH Hosts the Centre for Tobacco Control in Africa

The Makerere University School of Public Health (in partnership with Uganda National Association of Community and Occupational Health (UNACOH) and the Uganda Health Communication Alliance (UHCA) won a World Health Organisation (WHO) grant to host the Centre for Tobacco Control in Africa. This followed the launch of the Africa Tobacco Control Project by WHO, with the financial support of the Bill and Melinda Gates Foundation. The project will work with countries in Sub-Saharan Africa to build capacity for tobacco control.

African countries are faced with a double burden of disease as the Non-Communicable Diseases (NCDs) are increasingly becoming common. Tobacco is one of the major contributors to Non-Communicable Diseases (NCDs).

The resource centre, which is housed in the University premises at Kasangati, will initially provide technical assistance to five (5) countries, namely Uganda, Kenya, South Africa, Angola and Mauritania to implement rapid policy change strategies for tobacco control.

Visit our website for more information about the rest of the report

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/service-to-community/96-maksph-hosts-the-africa-tobacco-control-resource-centre>



CTCA staff, advisory committee members and consortium members during a planning meeting

Regional Centre for Quality of Health Care

Campaign to end Pediatric AIDS (CEPA)

RCQHC/ANECCA provided regional leadership in the implementation, monitoring and evaluation of the CEPA program. CEPA which started in Sept 2009 and ended in March 2011 aimed at increasing PMTCT coverage from 40% to 80% in sub-



Saharan African region. During the year, RCQHC contributed to the adoption/adaptation process of the new WHO 2010 guidelines in six African countries through networking and lobbying of government ministries and regional bodies such as UNICEF ASARO, WHO/AFRO. RCQHC also provided technical assistance in monitoring and evaluation to CEPA country partners in Uganda, Kenya, Tanzania, Zambia and Nigeria through coaching, online support and on-site peer mentoring sessions. The CEPA partnership included regional partners - HealthGap Nairobi and PATAM Zimbabwe and national country chapters namely; KETAM Kenya, HDT Tanzania, PATA Nigeria, HEPS Uganda and MATRAM Mozambique.

During the year, RCQHC provided technical assistance to EGPAF to harmonize a national curriculum for pediatric counseling and psychosocial support for Swaziland.

To learn more about how the project is implemented, follow the link:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/service-to-community/97-the-regional-centre-for-quality-of-health-care-embarks-on-campaign-to-end-pediatric-aids-cepa>

Campaign to Improve Access to Family Planning Services and Commodities in the Region

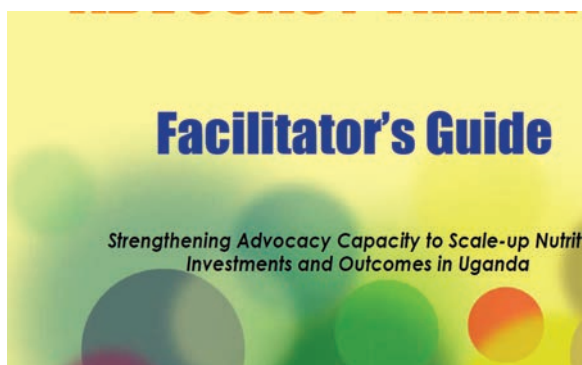
During the year, RCQHC in collaboration with family planning divisions of Ministry of Health of Uganda, Tanzania, Ethiopia and the Democratic Republic of Congo established family planning quality of care improvement collaborative sites. This initiative is intended to have countries have within them, centres from which the frontline health workers can be trained to eliminate family planning quality of care gaps, this being one of the significant causes of reduced uptake and continuation of family planning in Sub-Saharan Africa.

The Centre also conducted an assessment in 7 countries – Kenya, Uganda, Ethiopia, Rwanda, DRC, Malawi and Zambia on the policy, training, logistics systems and support mechanisms available to community health workers for the increased access to long-term reversible family planning methods at community level. This assessment was conducted to avail information to health ministers of the East, Central and Southern Africa Health Community (ECSA-HC), so as to enable them make informed decisions and guide their countries on the utilization of community health workers in the provision of long-term reversible methods.

Follow this link for the details

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/service-to-community/98-campaign-to-improve-access-to-family-planning-services-and-commodities-in-the-region>

Advocacy to raise the Profile of Nutrition in Uganda



FANTA-2 in collaboration with the PROFILES technical working group developed a Nutrition Advocacy Training Manual for strengthening advocacy capacity to improve nutrition outcomes at district level. The manual targets nutritionists and other implementers at district level.

Government Commits to Support Nutrition

FANTA-2 in collaboration with Uganda Health Communication Alliance (UHCA) and civil society organizations obtained commitment from the government of Uganda to support nutrition in the country. The government through the Ministry of Health with direct supervision from the Prime Minister signed the commitment in May 2011. The signed commitment was published in the New Vision (Monday 23 May, 2011) and the Daily Monitor (Wednesday 25 May, 2011).

FANTA-2 Builds Nutrition and Advocacy Capacity in Uganda

Over the period from August 2010 to date, the FANTA-2 has created a niche in building capacity for nutrition security advocacy through engagement in operational research and strengthening the media involvement in nutrition.



Research and Innovations

Department of Epidemiology and Biostatistics

Collaboration for the Family Health Research and Development Centre (FHRDC)

The Department of Epidemiology and Biostatistics is leading collaboration between the School of Public Health and the Bill and Melinda Gates Institute for Population and Reproductive Health for the establishment of the 'Family Health Research and Development Centre at Makerere University

The details of the centre and what its work will entail, Visit the School of Public Health website at:

- <http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/77-collaboration-for-the-family-health-research-and-development-centre-fhrdc>

The African Hub for Health Systems Institutional Capacity Building Formed

The African Hub is a coalition of Schools of Public Health in the East and Central African region, with membership from the universities of Nairobi (Kenya), Moi (Kenya), Muhimbili (Tanzania), Kinshasa (DRC), National University of Rwanda, Jimma (Ethiopia) and Makerere (Uganda). Makerere University College of Health Sciences School of Public Health hosts the Hub with Associate Prof. William Bazeyo as the Hub Director and Dr. Aggrey Mukose the Hub research coordinator. The African hub is under a bigger study-the Future Health Systems Study funded by DFID. To know the objectives and achievements of this exciting new venture follow the website link below:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/78-the-african-hub-for-health-systems-institutional-capacity-building-formed>

Department of Health Policy, Planning and Management

*How unique is this intervention?
How has it changed health facility deliveries in Uganda?
What potential does it have?*

*Details available on MUSPH website at:
- <http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/79-provision-of-transport-incentives-and-health-facility-incentives-for-increased-health-facility>*

Provision of Transport Incentives and Health Facility Incentives for Increased Health Facility Deliveries: Evidence from the Safe Deliveries Study

According to the 2006 UDHS, in Uganda, there is under utilization of maternal health services as evidence shows that 42% of pregnant women deliver in Health facilities, 47% attend the 4th ANC visit and 23% get PNC within 1st 2 days. Geographical inaccessibility, lack of appropriate transport and financial inaccessibility are some of the demand side, problems contributing to the low utilisation. On the supply side, we have poor quality of services as a result of lack of drugs, equipment and sundries as well as unmotivated health workers.

Management of sick newborn babies in Rural Settings: A Case Study of Iganga Hospital

The aim of the 3-year Uganda Newborn Study (UNEST) is to develop and cost an integrated maternal/newborn care package that links community and facility care and evaluate its effect on maternal and neonatal outcomes in order to inform policy and scale up in Uganda. It is being supported by the saving Newborn lives project of the children (US). The research which is being conducted in the Iganga/Mayuge Health Demographic Surveillance Site (HDSS) in Iganga and Mayuge districts has three components as follows:

1. Community based intervention (strengthen demand side): 2 pregnancy and 3 postnatal visits in week 1 by trained Community Health Workers (CHWs)
2. Health facility strengthening aimed at improving quality of care.
3. Improved linkage between the community & health facilities

The total number of newborns saved is quite amazing. You can only get the detail on the website at: -

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/80-management-of-sick-newborn-babies-in-rural-settings-a-case-study-of-Iganga-hospital>



Details on how this will improve the implementation of the project available at:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/81-delivery-pmtct-and-newborn-care-in-rural-uganda>

Innovations for Increased Access to Integrated Safe Delivery, PMTCT and Newborn Care in Rural Uganda

Uganda and many Sub-Saharan African countries may not achieve the Millennium Development Goals for health due to a high burden of morbidity and mortality from maternal and neonatal illness and HIV; despite existence of evidence-based interventions. MakSPH has implemented two scientifically rigorous projects: [the Uganda Newborn Trial \(UNEST\)](#), and the Safe Deliveries Study (SDS).

To enhance effectiveness, the two programs above have been integrated and expanded from 2 to 6 pilot districts; improved demand side interventions (vouchers and CHWs); and strengthened PMTCT and contraception within an integrated maternal and newborn program (MANEST).

Expanded Quality Management using Information Power (EQUIP)

Expanded Quality Management using Information Power (EQUIP) is a 4- year collaborative to improve maternal and newborn health, between Makerere University School of Public Health, Karolinska Institutet (Sweden), London School of Hygiene and Tropical Medicine, Ifakara Health Institute (Tanzania) and Evaplan (Germany). It is a European Union funded, multi-country project (Uganda and Tanzania) that started in 2010 and built on earlier studies such as the Uganda Newborn Study (UNEST). The rest of the report can be accessed here:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/82-expanded-quality-management-using-information-power-equip>

If you want to know the main drivers that were identified in a landscape analysis exercise, just visit the school website at:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/83-africa-routine-immunisation-system-essentials-arise-project>

Africa Routine Immunisation System Essentials (ARISE) Project

The Africa Routine Immunization (RI) System Essentials (ARISE) project was created to learn from the countries whose RI systems are performing well. In general, policy makers and practitioners lack an in-depth understanding of the underlying reasons that certain routine systems achieve improvements in immunization performance, while others do not. ARISE therefore is working to identify and explore the drivers of improved coverage (performance) by documenting experiences and consolidating

them into a body of evidence for informing programming and investment. ARISE addresses the need to learn from recent performance improvement experience in Africa to improve and sustain routine immunisation coverage in all countries and districts in the region.

MakCHS Forms Partnership with PATH for Research on New Diagnostic Technologies

The objectives of the study and the information gap it will be filling are in our website:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/84-makchs-forms-partnership-with-path-for-research-on-new-diagnostic-technologies>

The School and Path (Program for Appropriate Technology), USA, signed a general agreement of collaboration, where, as one of the first products, PATH sub-contracted MakSPH on a Gates funded study: **Determining of the systems and community level factors that inhibit or encourage uptake of new diagnostic technologies in Uganda.**

The study is set in the background that maternal, perinatal, and newborn infections are important yet under-researched and poorly controlled contributors to developing country mortality. The lifetime risk of maternal death for a woman in a least developed country is more than 300 times greater than for a woman living in an industrialized country.

A Post-Conflict Health Systems Research Program Launched at the School of Public Health

The program is set to address key areas in post conflict health systems.

What are these?

Visit our website at:

- <http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/85-a-post-conflict-health-systems-research-program-launched-at-the-school-of-public-health>

ReBUILD is a partnership research programme to support health system development in post conflict countries or areas. ReBUILD is a consortium of Southern and Northern research and training partners mainly involved in (health) system research. These include; 1) Makerere University (School of Public Health and School of Women and Gender Studies); 2) College of Medicine and Allied Health Sciences, Sierra Leone; 3) Biomedical Research and Training Institute, Zimbabwe; 4) Cambodia Development Resource Institute, Cambodia; 5) International Health Group, Liverpool School of Tropical Medicine; UK and the 6) Institute for International Health and Development at Queen Margaret University, Edinburgh. In Uganda, the research program is led by Makerere University School of Public Health College of Health Sciences and the School of Women and Gender Studies



College of Humanities and Social Sciences; and was launched on July 27th at a ceremony presided over by the Director General of Health Services, Dr. Jane Ruth Aceng.

Health Systems Assessment (HSA) Conducted to Guide Health Systems Investment Options

Find out how this work was done & its purpose:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/86-health-systems-assessment-hsa-conducted-to-guide-health-systems-investment-options>

As the global community continues to scale up HIV/AIDS, TB, and malaria interventions, it is vital to understand the state of the health systems in which these services are being delivered. Good health systems should deliver effective, safe, quality health services to those in need with as much efficiency as possible within local country settings. Strengthening Uganda's health system requires an understanding of its unique strengths and weaknesses.

Makerere University School of Public Health with support from the Health Systems 20/20 carried out a Health Systems Assessment in Uganda between January – May 2011; using Health Systems Assessment methodology that was designed to provide a rapid, yet comprehensive assessment of key health systems functions.

Department of Community Health Behavioural Sciences

Click here to read more about what has been done and achievements registered:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/87-urban-peri-urban-and-regional-food-dynamics-towards-an-integrated-and-territorial-approach-to-food-purefood-project>

Urban, Peri-Urban and Regional Food Dynamics: Towards an Integrated and Territorial Approach to Food (PUREFOOD) Project

PUREFOOD is a three-year project with a 7 University Consortium partnership housed by the Department of Community Health and Behavioural Sciences. It is hosting a Doctorate student, Thais Bassinello from Brazil, who is undertaking research on public procurement and food systems. PUREFOOD is a Marie Curie Initial Training Network funded by the European Union. The objective of PUREFOOD is to train a pool of *early-stage researchers* in the socio-economic and socio-spatial dynamics of the (peri-) urban and regional foodscape. Increasing urban food-related health and environmental problems are raising an urgent need for action.

Current agrifood studies tend to neglect the broader societal and spatial impacts of food. Therefore, research focuses on the alternative geography of food, based upon three emerging trends; sustainable food supply chains, public sector food procurement practices and (peri-) urban food strategies.

Department of Disease Control and Environmental Health

UNESCO-IHE – Study on Financing options for Sanitation in Slums Closes

This was a two-year project that ended in September 2010. It investigated the operation, maintenance and financing options of sanitation facilities within selected slum dwellings in Bwaise, Kampala, Uganda and in Temeke, Dar es Salaam, Tanzania.

The project was undertaken by Makerere University School of Public Health and the Department of Water Resources Engineering, University of Dar es Salaam, Tanzania. Two study sites were selected Bwaise in Kampala, and Temeke in Dar es Salaam. At both institutions, research was implemented by competitively selected postgraduate students who did the research work for their dissertations.

The project partners were UNESCO-IHE Netherlands.

Assessing the Feasibility and Acceptability of the Implementation of TB Infection Control Measures in Health Facilities of Mukono and Wakiso Districts

This study that just concluded assessed the feasibility and acceptability of implementation of TB infection control measures in resource limited setting like Uganda with health workers and patients as the key beneficiaries. For example; implementing timeliness in TB diagnosis, attitudes of patients towards some of the measures like wearing masks, and how feasible it is for health workers to test for HIV and be provided with other prevention and care services.



It was a one-year comparative cross-sectional study with Mukono district as the intervention and Wakiso district the control district.

What do the preliminary say? Click here:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/88-assessing-the-feasibility-and-acceptability-of-the-implementation-of-tb-infection-control-measures-in-health-facilities-of-mukono-and-wakiso-districts>

Regional Centre for Quality of Health Care

RCQHC Studies the Safety and Feasibility of Use of Misoprostol at Community Level

Between Jan and March 2011, RCQHC working with the Ministry of Health in Uganda, initiated the study to assess the *safety and feasibility of use of Misoprostol and intermittent uterine massage at community level for the prevention of post-partum haemorrhage* in Kasese and Nebbi Districts of Uganda. This study has already had a midterm review and has been cleared of safety concerns.



Journal Publications

4

a) Publications in Peer Reviewed Journals

1. Lisa M. Albert, Angela Akol , Kelly L'Engle , Elizabeth E. Tolley , Catalina B. Ramirez, Alex Opio , **Nazarius M. Tumwesigye**, Sarah Thomsen, Stella Neema, Sebastian O. Baine; Acceptability of male circumcision for prevention of HIV infection among men and women in Uganda; *AIDS Care*. 2011 Jul 7
2. Edgar M Mulogo , Aden S Abdulaziz, Ranieri Guerra , **Sebastian O Baine** **Facility and home based HIV Counseling and Testing: a comparative analysis of uptake of services by rural communities in southwestern Uganda; *BMC Health Services Research* 4 March 2011**
3. Eric Wobudeya, Hanifa Bachou, Charles K Karamagi, Joan N Kalyango, Edrisa Mutebi, **Henry Wamani**. Breastfeeding and the risk of rotavirus diarrhoea in hospitalized infants in Uganda: a matched case control study. *BMC Pediatrics* 2011, 11:17
4. Thorkild TylleskÅr, Debra Jackson, Nicolas Meda, Ingunn Marie S Engebretsen, Mickey Chopra, Abdoulaye Hama Diallo, Tanya Doherty, Eva-Charlotte EkstrÅm, Lars T Fadnes, Ameena Goga, Chipepo Kankasa, JÅrn I KlungsÅyr, Carl Lombard, Victoria Nankabirwa, Jolly K Nankunda, Philippe Van de Perre, David Sanders, Rebecca Shanmugam, Halvor Sommerfelt, **Henry Wamani**, James K Tumwine. (2011). Exclusive breastfeeding promotion by peer counsellors in sub-Saharan Africa (PROMISE-EBF): a cluster-randomised trial. *Lancet*, 12 July 2011. doi:10.1016/S0140-6736(11)60738-1
5. Sarah Kiguli, Rhona Baingana, Ligia Paina, David Mafigiri, Sara Groves, Godfrey Katende, Elsie Kiguli-Malwadde, **Juliet Kiguli**, Moses Galukande, **Mayega Roy**, Robert Bollinger, **George Pariyo**. Situational analysis of teaching and learning of medicine and nursing students at Makerere University College of Health Sciences. *BMC International Health and Human Rights* 2011, 11(Suppl 1):S3



6. James Henry Obol, David Lagoro Kitara and **Christopher Garimoi Orach**. Knowledge and Misconceptions about Malaria among pregenant women in a post conflict internally Displaced Persons' Camps (IDPs) in Gulu District, Uganda. Accepted June, 2011. *Journal of Malaria Research and treatment*. MRT/107987
 7. Nattabi B, Li j, Thompson SC, **Orach GC**, Earnest J. Factors associated with perceived stigma among people with HIV/AIDS in podt conflict northern Uganda. Accepted. *Aids Educ Prev* 2011
 8. Innocent K. Tumwebaze, **Christopher G. Orach**, Joan K. Nakayaga; **Charles Karamaji**; Christopher Luethi; Charles Niwagaba. Ecological sanitation coverage and factors affecting its uptake in Kabale Municipality, Western Uganda. *International Journal of Environmental Health Research*: April 2011; DOI 10.1080/09603123.2010.5500361
 9. **Atuyambe LM, Ediau M, Orach CG**, Musenero M, **Bazeyo W**. Land slide disaster in eastern Uganda: rapid assessment of water, sanitation and hygiene situation in Bulucheke camp, Bududa district. *Environ Health*. 2011 May 14;10(1):38.
 10. Mwanika A, Okullo I, Kaye DK, Muhwezi W, **Atuyambe L**, Nabirye RC, Groves S, Mbalinda S, Burnham G, Chang LW, Oria H, Sewankambo N. Perception and valuations of community-based education and service by alumni at Makerere University College of Health Sciences. *BMC Int Health Hum Rights*. 2011 Mar 9;11 Suppl 1:S5.
 11. Kaye D, Mwanika A, Burnham G, Chang LW, Mbalinda SN, Okullo I, Nabirye RC, Muhwezi W, Oria H, Kijjambu S, **Atuyambe L**, Aryeija W. The organization and implementation of community-based education programs for health worker training institutions in Uganda. *BMC Int Health Hum Rights*. 2011 Mar 9;11 Suppl 1:S4.
 12. **Ssengooba F, Atuyambe L, Kiwanuka SN**, Puvanachandra P, Glass N, Hyder AA. Research translation to inform national health policies: learning from multiple perspectives in Uganda. *BMC Int Health Hum Rights*. 2011 Mar 9; 11 Suppl 1:S13.
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14. Ssali SN, **Atuyambe L**, Tumwine C, Segujja E, Nekesa N, Nannungi A, Ryan G, Wagner G. Reasons for Disclosure of HIV Status by People Living with HIV/AIDS and in HIV Care in Uganda: An Exploratory Study. *AIDS Patient Care STDS*. 2010 Sep 23
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 16. **Matovu JKB, Wanyenze RK, Mawemuko S, Wamuyu-Maina G, Bazeyo W, Olico-Okui, Serwadda D**. Building Capacity for HIV/AIDS Program Leadership and Management in Uganda through Mentored Fellowships. *Global Health Action*, 2011 Feb 24; 4. doi: 10.3402/gha.v4i0.5815
 17. Hardon A, Kageha E, Kinsman J, Kyaddondo D, **Wanyenze RK**, Obermeyer CM. Dynamics of care - situations of choice: HIV tests in times of ART. *Med Anthropol*. 2011 Mar; 30(2):183-201.
 18. **Wanyenze RK**, Kamya MR, Fatch R, Mayanja-Kizza H, Baveewo S, et al. (2011) Missed Opportunities for HIV Testing and Late-Stage Diagnosis among HIV-Infected Patients in Uganda. *PLoS One*. 2011; 6(7):e21794. Pub 2011 Jul 5.
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 20. **Wanyenze RK, Tumwesigye NM**, Kindyomunda R, Beyeza-Kashesya J, et al. Uptake of family planning methods and unplanned pregnancies among HIV-infected individuals: a cross-sectional survey among clients at HIV clinics in Uganda. *J Int AIDS Soc*. 2011 Jun 30; 14(1):35.
 21. Nakanjako D, Mayanja-Kizza H, Ouma J, **Wanyenze R**, Mwesigire D, et al. Tuberculosis and human immunodeficiency virus co-infections and their predictors at a hospital-based HIV/AIDS clinic in Uganda. *Int J Tuberc Lung Dis*. 2010 Dec; 14(12):1621-8.
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24. Nalwanga E. and **Ssempebwa J. C.** Knowledge and practices of In-home pesticide use: A community survey in Uganda. (2011) *Journal of Environmental and Public Health.* Volume 2011, Article ID 230894, doi:10.1155/2011/230894
- 25. Mugwanya KK,** Whalen C, Celum C, **Nakku-Joloba E,** Katabira E, et al. (2011) Circumcision of Male Children for Reduction of Future Risk for HIV: Acceptability among HIV Serodiscordant Couples in Kampala, Uganda. *PLoS ONE* 6(7): e22254.
- 26. Mugwanya KK,** Baeten JM, **Nakku-Joloba E,** Katabira E, Celum C, Tisch D, Whalen C. Knowledge and attitudes about male circumcision for HIV-1 prevention among heterosexual HIV-1 Serodiscordant partnerships in Kampala, Uganda. *AIDS Behav.* 2010 Oct;14(5):1190-97
- 27. K. Mugwanya,** J. Baeten, N. Mugo, E. Irungu, K. Ngure, C. Celum. 2011 High-dose valacyclovir suppressive therapy results in greater reduction in plasma HIV-1 levels compared to standard dose acyclovir suppression among HIV-1/HSV-2 co-infected persons: a randomized, open-label, crossover trial. (JID, in press)
28. M. Bark, C. S. Morrison, R. A. Salata, J. K. Byamugisha, N. H. Katalemwa, R. D. Mugerwa, J. B. Mukasa, R. N. Musoke, **J. Nankya-Mutyoba,** S. Rwambuya, C. J. Walker, J. L. Johnson; Acceptability of treatment of latent tuberculosis infection in newly HIV-infected young women in Uganda; *Int J Tuberc Lung Dis.* 2010 Dec;14(12):1647-9.
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- 30. E. Buregyeya,** A. Kulane, R. Colebunders, A. Wajja, **J. Kiguli,** H. Mayanja, P. Musoke, G. Pariyo, E. M. H. Mitchell. [Tuberculosis knowledge, attitudes and health-seeking behaviour in rural Uganda.](#) *IJTLD* Vol. 15 Number 7- July 2011
- 31. Elizabeth Ekirapa-Kiracho, Peter Waiswa,** M Hafizur Rahman, **Fred Makumbi,** Noah Kiwanuka, **Olico Okui, Elizeus Rutebemberwa, John Bua, Aloysius Mutebi, Gorette Nalwadda, George Pariyo** and David H Peters, "Increasing access to institutional deliveries using demand and supply side incentives: early results from a quasi-experimental study" *BMC International Health and Human Rights* 2011, 11(Suppl 1)
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 36. Maria J Wawer, Aaron A R Tobian, Godfrey Kigozi, Xiangrong Kong, Patti E Gravitt, **David Serwada**, Fred Nalugoda, **Frederick Makumbi**, Victor Ssempijja, Nelson Sewankambo, Stephen Watya, Kevin P Eaton, Amy E. Oliver, Michael Z Chen, Steven J Reynolds, Thomas C Quinn, and Ronald H Gray "Effect of circumcision of HIV-negative men on transmission of human papillomavirus to HIV-negative women: a randomised trial in Rakai, Uganda" *Lancet* Published online January 7, 2011
 37. **Makumbi Frederick**; Gertrude Nakigozi; Tom Lutalo; Joseph Kagaayi; Joseph Sekasanvu; Absolom Settuba; **David Serwada**; Maria Wawer; Ronald Gray "Use of HIV-related services and modern contraception among women of reproductive age, Rakai Uganda" *Afric J Reprod Health* 2010
 38. Sengonzi R and **Makumbi F** (2010). Assessing the Effect of a Combined Malaria Prevention Education and Free Insecticide-Treated Bed Nets Program on Self Reported Malaria among Children in a Conflict-affected Setting in Northern Uganda. RTI Press publication No. RR-0011-1004
 39. Kairania R, Gray RH, **Kiwanuka N, Makumbi F**, Sewankambo NK, **Serwada D**, Nalugoda F, Kigozi G, Semanda J, Wawer MJ. "Disclosure of HIV results among discordant couples in Rakai, Uganda: a facilitated couple counselling approach" *AIDS Care*. 2010 Sep; 22(9)
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Partnerships and Collaborations

5

Department of Community Health and Behavioural Sciences

LINQED Education Network Tackles Student Assessment and E-Learning

In March 2011, Dr. Elizabeth Nabiwemba attended a Quality in Education workshop organized by LINQED (Learning together on Quality in Education in International Health) in Yogyakarta, Indonesia which focused on *student assessment for learning, e-learning and exchange of teachers, students and pedagogical staff between partner institutions to strengthen training capacity.*

More about this linged, its work & this particular workshop check here:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/research-and-innovations/104-linged-education-network-tackles-student-assessment-and-e-learning>

Office of the Dean

META Intensifies Training Activities for IPs

The Monitoring and Evaluation Technical Assistance Project (META), made significant achievements in strengthening Monitoring and Evaluation capacity of CDC implementing partners in Uganda within the last one year; some of the achievements are highlighted below.

1. Trainings

Training is a key strategy used by META to enhance M&E skills among partner implementing programs. Highlights of the trainings conducted by META in this reporting period are given below;

- . workshop on M&E 101
- . Data management workshop
- . Data use workshop
- . Training in the use of STATA statistical software

Other achievements that were registered by META in its first year of operations included;

- Mentoring IPs in abstract writing and presentation,
- Conducting a monitoring and evaluation capacity assessment at IPs which showed that many did not have M&E plans to monitor progress and evaluate performance of their programs. Nine (9) IPs were supported through mentoring and coaching to develop M&E plans,
- In collaboration with CDC Program Monitoring and Evaluation Branch conducted a DQA for specific indicators in care and treatment and prevention to determine the quality of data that IPs report on.

Click here to read more about META work:

<http://musph.ac.ug/about-maksph/maksph-year-in-review/2011-year-in-review/academics/76-meta-intensifies-training-activities-for-ips>

Participants at one of the training workshops



MakSPH Initiates and Hosts a Network on One Health in the African Region

One Health Central and Eastern Africa (OHCEA) is a network of fourteen Public Health and Veterinary Higher Education Institutions that are located in six countries in the Eastern and Central Africa region, a region that includes the Congo Basin that



Click here to read more about what has been done and achievements registered:

<http://musph.ac.ug/about-maksp/maksp-year-in-review/2011-year-in-review/research-and-innovations/105-maksp-initiates-and-hosts-a-network-on-one-health-in-the-african-region>

is considered to be a “Hot Spot” for emerging and re-emerging infectious diseases.

The OHCEA partner countries and their institutions are; **Democratic Republic of Congo** (University of Kinshasa, SPH and Faculty of Veterinary Medicine, University of Lubumbashi), **Ethiopia** (Jimma University College of Public Health and Medical Sciences and Jimma University College of Agriculture and Veterinary Medicine, School of Veterinary Medicine, and College of Veterinary Medicine Mekelle University), **Kenya** (University of Nairobi School of Public Health and Moi University School of Public Health, and University of Nairobi Faculty of Veterinary Medicine), **Rwanda** (National University of Rwanda School of Public Health and Umutara Polytechnic Faculty of Veterinary Medicine), **Tanzania** (Muhimbili University School of Public Health and Social Sciences and Sokoine University of Agriculture Faculty of Veterinary Medicine), **Uganda** (Makerere University School of Public Health and Makerere University School of Veterinary Medicine).

OHCEA is funded by the USAID through RESPOND component of the Emerging Pandemic Threats Program. The collaborating institutions include; University of Minnesota and Tufts University.

Since its inception in October 2010, OHCEA has made the following significant achievements;

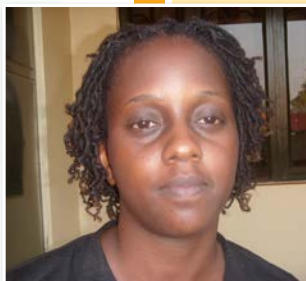
- Established of a vibrant network of 14 Higher Education Institutions(Seven Schools of Public Health and Seven Schools Veterinary Medicine
- Registered OHCEA as a Legal Entity
- Developed and approved a Ten-year Strategic Plan
- Seconded fourteen (14) Personnel of various professional backgrounds from Uganda and Democratic Republic of Congo to attend a 3 week Public Health Institute at University of Minnesota
- Senta delegation that participated in the 2011 Engaging Inter Governmental Organization workshop in Europe and got understanding of how WHO, WTO, OIE, and FAO work. This exposure paved way to future development of strategic partnerships with the Organizations.



Appointments and Promotions

Department of Epidemiology and Biostatistics

The MHSR program received new staff recruited by MakSPH to make the program more vibrant. They are;



Name: Ms. Doris Kwesiga

Title: Asst. Lecturer

Areas of Focus:

Monitoring and evaluation and cost-effectiveness, as well as the social sciences.



Name: Dr. Harriet Babikako

Title: Asst. Lecturer

Areas of Focus: Qocc HIV /TB, Women adolescent disparnties

Name: Dr. Juliet Nabbuye Ssekandi

Title: Assistant Lecturer, HSR

Areas Focus: Health Service Research

Promotions and confirmations

Name: Dr. Noah Kiwanuka

Title: Senior Lecturer

Areas of Focus:

Clinical Trials

Department of Health Policy, Planning and Management



Name: Dr. Kevin Mugenyi

Title: Research Fellow

Areas of Focus: Maternal and Child Health, Health system strengthening



Name: Dr. Monica Okuga

Title: Research Fellow

Areas of Focus: Maternal and newborn health.



Name: Ms. Justine Namakula

Title: Research fellow

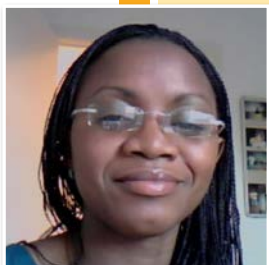
Areas Focus: Health systems, poverty and governance.

Promotions and Confirmations

Dr. Elizabeth Ekirapa Kiracho was promoted to the position of Lecturer

Dr. Freddie Ssengooba was promoted to the position of Lecturer

Department of Community Health and Behavioural Sciences



Name: Dr. Phyllis Awor

Title: Research Fellow

Areas of Focus: Different models for delivery of HIV treatment.



Name: Ms. Florence Tushemerirwe

Title: Ass. Lecturer

Areas of Focus: Public Health
Nutrition



Name: Dr. David Lubogo

Title: Research Fellow

Areas of Focus: HIV/AIDS and Maternal and Child Health.



Name: Dr. Ramullah Kasozi

Title: Teaching Assistant

Areas of Focus: Maternal and child health care.



Name: Mr. Saul Kamukama

Title: Ass. Lecturer

Areas of Focus: Food/ Nutrition, Health Systems Management, PH Nutrition



Name: Dr. Justine N. Bukenya

Title: Lecturer

Areas of Focus: Public Health in vulnerable populations

Department of Disease Control and Environmental Health



Name: Dr. Kenneth Mugwanya

Title: Assistant Lecturer

Areas of Focus: Epidemiology of Infectious Diseases

Promotions



Dr. William Bazeyo was promoted to the position of Associate Professor in Occupational Health. He is currently the Dean, MakSPH and was Deputy Dean before that. He has worked for the MakSPH for over fifteen years as lecturer, student supervisor, researcher and publisher, and Principal Investigator for numerous grants.



MAKERERE UNIVERSITY SCHOOL OF PUBLIC HEALTH REVENUE FOR 12 MONTHS: JULY 2010 TO JUNE 2011

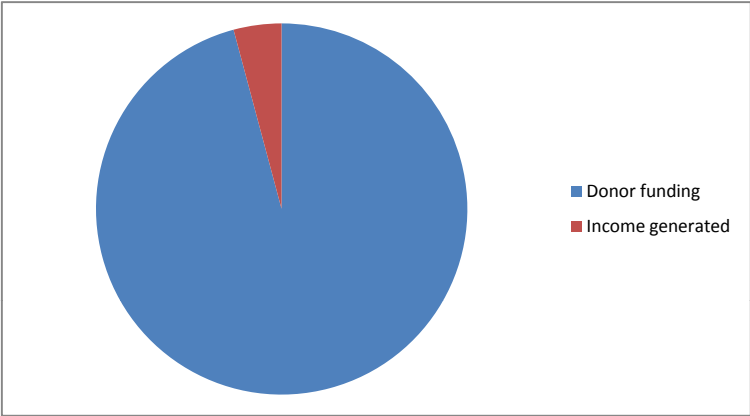
A. DONOR FUNDING

Source of funds	Name of Project	Total Budget	Received in Financial year 2010/2011 (July 10 to June 11)
World Health Organisation	Home management of Malaria & Pneumonia	\$307,611	\$292,230
University of Minnesota	Global Health Conference	\$98,855	\$98,799
Karolinska Institute	Sexual Networks and Distress Study	\$97,021	\$97,021
Providence Health Care	Clinical Trials Study	\$110,000	\$48,500
USAID	Leadership	\$1,248,352	\$184,327
JohnHokins University	Future of Health Systems	\$349,250	\$151,678
Futures Institute Inc	AVIM	\$41,800	\$8,801
World Health Organisation	Systematic Review in Human Resources	\$113,080	\$60,000
World Health Organisation	Aids Effectiveness Study	\$185,000	\$0
Rhodes Island Hospital	Rhode Island funds	\$103,680	\$2,201
Infectious Diseases Institute	TB Study-EDCTP	€ 343,762	\$390,367
World Health Organisation	TDR	\$466,760	\$42,236
Save The Children International	Save The Children	\$961,571	\$331,952
Institute of Tropical Medicine	ITM Antwerp Collaboration	€ 691,575	\$113,900
European Union	ARVMAC	€ 375,908	\$43,398
CDC	CDC Fellowship Program	\$5,165,895	\$4,620,212
UNICEF	Nutrition and Food Security Assessment Program	Ug. Shs 194,943,300	\$75,101
Bill and Mellinda Gates Foundation	MUJHU Twinning Program	\$2,447,140	\$914,177
CDC	Monitoring and Evaluation Program	\$585,870	\$554,954
Ministry of Health	HSSP 11 Consultancy	\$70,060	\$14,012
NIH	Stroke Project	\$20,250	\$20,250
Bill and Mellinda Gates Foundation	Family Health and Wealth Study	\$148,500	\$46,608
Karolinska Institute	MINIMAX Project	\$176,195	\$66,000
JSI Research & Training Institute	Anise Project	\$270,795	\$135,398
Rockefeller Foundation	HEMP	\$150,000	\$150,000
World Health Organisation	Global Health Initiatives- Human Resources for Health	\$124,060	\$0
University College London	Epilepsy Study	£82,088	\$0
Population Reference Bureau	Engage Project	\$475,303	\$159,038
University of California	Prostate Cancer Study	\$263,893	\$0
University of CapeTown	Peri Peri Disaster Risk Reduction	\$285,980	\$158,528
JohnHokins University	Strengthening Communication activities	\$153,323	\$0
Duke University	HSSP	\$121,000	\$49,350
IDRC	Sustainable Community Based interventions for improving environment & health in slums of Banda & Kampala City	CAD 296,900	\$0
Source of funds	Name of Project	Total Budget	Received in Financial year 2010/2011 (Jul 10 to Jun 11)
University of Wisconsin	Students abroad programme	\$37,860	\$37,860
PREFA	Protecting Families	\$20,053	\$17,694
UNICEF	IMAM	\$54,505	\$29,958
Family Health International	Dr. Baine's Research funds	\$10,055	\$8,872
African Population and Health	CARTA Project	£33,854 & \$19,000	\$37,429
The President Fellows	NCD Pilot Study	\$16,000	\$16,000
University of Case Western	Students study abroad program	\$3,299	\$3,299
KNCV Tuberculosis Foundation	TB Infection control study	\$13,777	\$13,777
Trinity College Dublin	INDIGO Project	€ 41,200	\$22,809
DFID	Department of International Development	\$19,689	\$19,689
Bill and Mellinda Gates Foundation	Students Conference	\$10,000	\$10,000
JCRC	Masters in Health Services Research Program	\$75,000	\$40,000
NIH	Northern Uganda Study	\$65,184	\$65,184
Bill and Mellinda Gates Foundation	PATH	\$65,703	\$65,703
University of Albany-SUNY	HED Project	\$29,965	\$29,965
Liverpool School of Tropical Medicine	Rebuild	£95,567	\$38,266
Tufts College	Tusk Project	\$45,000	\$22,750
European Union	Equip project	€ 2,998,406	\$605,395
Wageningen University	Pure FOOD	€ 162,000	\$125,660
Institute of Tropical Medicine	Sunray Project		\$42,493
Bernard Nocht Institute	APARET	€ 7,000	\$8,750
Respond	OCHEA	\$250,000	\$200,000
University of Aberdeen	Maternal and Newborn Health Course	€ 27,632	\$34,540
Abt Associates Inc	Uganda Health Systems Assessment	Ug. Shs. 228,948,698	\$53,871
USAID/EA -IL7	USAID	\$1,879,471	\$156,421
USAID/EA-IL8	USAID	\$3,108,999	\$1,682,779
USAID/EA-IL9	USAID	\$3,436,915	\$837,498
AED-Africa in Health 2010	AED	\$519,361	\$30,879
John Hopkins University-HCP	JHU	\$520,769	\$184,126
Global Aids Alliance-CEPA	CEPA	\$116,614	\$28,456
Elizabeth Glaser Pead-EGPAF-Malawi	EGPAF	\$30,016	\$30,016
Elizabeth Glaser Pead-EGPAF-Lesotho	EGPAF	\$20,570	\$20,570
Elizabeth Glaser Pead-EGPAF-Swaziland	EGPAF	\$30,016	\$30,016
Laerdal foundation	Laerdal Foundation	\$163,978	\$97,085
AED-FANTA	AED	\$787,901	\$180,327.61
Total Donor Funding all exchanged to Us Dollars			13,657,176
Total			\$ 13,657,176

NB: The Euros have been converted to US dollar at a rate of 1.25 and Local to Us Dollars at a rate of 2,550=
Rate of exchange from Pounds to Dollar is 1.5 & 0.9 for Canadian Dollars.

	Local amount (Ug. Shs.)	Rate	Us Dollar Equivalent
INCOME GENERATED			
Tuition	463,502,239	2,550	\$181,766
Vehicle Hire	33,648,609	2,550	\$13,196
Project overheads	95,498,044 & \$221,212	2,550	\$258,662
Shortcourses	\$13,600 & 18,260,000	2,550	\$20,761
Training fees (PHCE & NOCED)			105,027
IRB FEES			14,606
TOTAL INCOME GENERATED			\$594 017

Donor funding	\$13,657,176
Income generated	\$594,017
Total Income	\$14,251,193







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