

Fellowship Focus

December 2013

UON HIV Fellowship Program



- **2nd Cohort Graduation Ceremony**
- **Fellows projects**

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EDITORIAL

The Principal's Message

Celebrating 5 years of Capacity Building!



Prof. Isaac O. Kibwage PhD, HSC
Principal College of Health Sciences

Dear Fellowship Stakeholders

A warm welcome to the 2nd edition of our newsletter! This period marks the program close-out period of our first phase which is also a time for reflection. A reflection for what we have achieved so far; what impact we have had to our beneficiaries and Kenya at large, what we did well and what could call for improvement.

UON HIV Fellowship Program is hosted by UNITID college of Health Sciences in collaboration with the University of Washington. The fellowship reinforces the good reputation of the University in innovative teaching and research.

As the first fellowship training of its kind in Kenya, it has so far opened doors to other fellowships in the University tailored to providing competency-based training. Through it, we have strengthened the institutional and management capacity of most of the organization's overseeing HIV prevention, Care and treatment.

This has enabled organizations to utilize funds as well as apply achieved experience and

technologies to create sustainable response to the HIV/AIDS epidemic.

Sincere acknowledgement goes to Centers for Disease Control (CDC) for funding us to undertake this important activity and the University of Nairobi management for the continued support of the program.

I also take this opportunity to congratulate the faculty members in the College of Health Sciences and in the University of Washington that have worked tirelessly to make this fellowship a success.

To the fellows who have portrayed commitment during the training session, may you continue with the same spirit in improving the day to day activities and conditions in your workplaces.

Wish you a great read ahead!

'A reflection for what we have achieved so far; what impact we have had to our beneficiaries and Kenya at large, what we did well and what could call for improvement.'

EDITORIAL TEAM

Prof. Isaac O. Kibwage
Prof. Mwanda Walter
Prof. James N. Kiarie
Sospeter Ndaba
Dr. Carol Odula
Dr. Ann Mungai
Stephen Omondi
Samuel Kanga
Kipruto Tallam
Paula Ngarega
Elizabeth Kisyang'a



Prof. Kiarie's presentation during
program review meeting



2nd Cohort fellows presenting their
projects to members

Word from the Director, UNITID



Prof. Mwanda Walter Otieno
MBChB, MRCPPath, MD
Director UNITID

Let me take this opportunity to welcome you to our second edition of the 'Fellowship Focus'. As we mark the close-out of the first phase, I feel honored by the success of the program. It has laid a strong background for more fellowships at the University of Nairobi aimed at improving the society.

I pay gratitude to other departments and schools which have been very supportive. They include: School of Medicine, Economics, Business, Computing and

Informatics.

I also wish to pay special tribute to our partner University of Washington for their tremendous support during the initial competition of the grant and their subsequent assistance in setting up and actualization of the e-learning component of the fellowship program.

I would like to pass my sincere gratitude to CDC for giving UON the opportunity to establish this program by generously funding all the training activities for the 5 year period. It is our hope as the UON Fellowship; that the funding will be extended for the next period to enable more Kenyans to benefit through the training thus help the country in achieving its intended goals in managing health and other related programs in its quest to achieving Vision 2030.

Being a competency-based program, this fellowship has been a key pillar in assisting fellows to gain the necessary knowledge required for their day to day activities at their places of work.

My word to the fellows who have graduated and those still undertaking their courses; may the impact of the training touch lives positively wherever you are.

'I feel honored by the success of the program. It has laid a strong background for more fellowships in UNITID and Nairobi University at large aimed at improving the society.'



2nd Cohort Fellows' internal presentation forum



MS Hellen Were doing her presentation during 2nd cohort presentation forum

Program Director's Message



Prof. James N. Kiarie, MBChB,
MMed, MPH, MD Senior Lecturer
Director, UNITID Fellowship Program

Welcome to the second edition of our newsletter. As I see what the University of Nairobi HIV Fellowship has grown to, I am proud of the multidisciplinary team that conceived the

idea. As we mark the close-out of the first phase of funding, it has been such a successful project and it is our hope that the funding will be extended to enable us to continue with the competency based capacity building program.

For the five years, the program has been in existence; it has contributed significantly to leadership and management of HIV/AIDS programs in Kenya by providing training that is linked to improvement of service delivery in various institutions.

So far, 12 long term fellows in the 1st cohort (January 2010 intake) have already graduated. Most have been recruited as program managers and coordinators of programs involved in HIV prevention, care and treatment while the rest have either been promoted or assigned extra duties. Eight (8) fellows in the 2nd cohort (August 2010 intake) will be graduating in December 2013 while the 3rd cohort (November 2011 intake) will graduate in 2014.

In the last one year the program has recruited 116 fellows to undertake medium term fellowships in Quality Management and Monitoring & Evaluation of Health Programs.

These fellows are in three cohorts admitted at different times in the year. Twelve of these fellows have successfully completed their projects and are set to graduate in Early December 2013. The rest will graduate between January and April 2014.

My acknowledgements go to University of Nairobi Management, our donors CDC and the University of Washington our collaborators who have worked with us hand in hand to see this fellowship program succeed.

‘As I see what the University of Nairobi HIV Fellowship has grown to, I am proud of the multidisciplinary team that conceived the idea.’



Prof. Kiarie's presentation during program review meeting



Prof. Kiarie presents during a program review meeting

The Program Manager's word



Sospeter Ndaba Kimani
Program Manager,
UoN HIV Fellowship

It has been 5 years of exciting experiences for Fellows, Faculty and Staff of the UoN HIV Fellowship Program. The Program has attained several milestones worth mentioning:

We are proud to be the first fellowship program to be established in any university in the Kenya.

To date, the program has entered into MoU's with

WE HAVE COME A LONG WAY!

over 22 prominent organizations involved in various HIV/AIDS interventions. These organizations have been an avenue for our fellows to gain hands on experience in program management through a structured mentored process.

The organizations in return have continued to gain from capacity building programs initiated by the fellows and also improvement of service delivery through implementation of problem based projects that address various programmatic gaps.

Furthermore, program

has to date trained over 1,800 health care workers on various market driven short courses. The courses have not only enabled them acquire knowledge but also vital skills that have led to a positive change in practice.

I do take this chance to congratulate the 2nd cohort fellows who will be graduating with the rest of the university fraternity on 6th December 2013.

This is the first time that the program is being integrated into the university graduation and we sincerely thank the Vice-Chancellor, Prof. George Magoha for giving us this opportunity. We hope that the event will not only

be an opportunity to market the program to our clients but also create knowledge to the wider public on "what a fellowship program is all about?" Lastly I take this chance to thank the fellows, my colleagues in the secretariat, the program director, the faculty members including institutional mentors, the university administration and our donor CDC.

Our collective efforts have established a foundation that will enable the program meet its long term objective of increasing the number of skilled personnel to effectively manage comprehensive HIV/AIDS prevention, treatment, care, and support interventions in the country.



Sospeter presents during the Strategic Review Meeting



2nd Cohort Medium Term Fellows during training

From Training Coordinator



Stephen Odindo, MSc CBIS, FUoN Training Coordinator, UoN HIV Fellowship Program

"Those people who develop the ability to continuously acquire new and better forms of knowledge that they can apply to their work and to their lives will be the movers and shakers in our society for the indefinite future."

— Brian Tracy

The UoN HIV Fellowship is uniquely designed to build the public health professionals' capacity to provide effective leadership and management of the public and private health sectors.

This goal is continuously being achieved through the post-masters two year long term fellowship, the post-graduate six month short fellowship, short face-to-face courses, on-line

courses and coming soon we will be offering self-paced distance learning through an electronic platform.

courses and coming soon we will be offering self-paced distance learning through an electronic platform.

The evidence of the successes of this efforts are now showing with most of our fellows now placed in various positions of decision and policy making.

We have also continuously refined ways so as to make ourselves more competitive by benchmarking other similar fellowships in the region such as the MAKSPH-CDC HIV/AIDS Fellowship Program being offered in Makerere University and by constantly reviewing our curriculum using industry and academic professionals in our technical review committees.

Therefore, in relation to the quote by Brian Tracy, UoN HIV Fellowship program usually addresses the experiential skill based adult learning principles. Through the program, we have managed to meet the following objectives :

1. Enhance trainees' knowledge, understanding and application of modern concepts of epidemiology, management, economics and informatics in in management of HIV/AIDS programs.
2. Equip trainees with skills to develop, implement, manage, monitor and evaluate large scale HIV/AIDS programmes.
3. Equip trainees with skills to utilize health economics methodologies in addressing

methodologies in addressing micro and macroeconomic issues in HIV/AIDS programmes.

4. Equip trainees with skills to utilize health informatics in developing, implementing, managing, monitoring and evaluating large scale HIV/AIDS programmes.

In addition, we are fully committed to the pursuit of providing leadership that will achieve this goals and objectives.

'We have also continuously refined ways so as to make ourselves more competitive by benchmarking other similar fellowships.'



Stephen Odindo (in the front seat) during 1st cohort graduation



Mr. Odindo holds his certificate after graduation ceremony



UON HIV FELLOWSHIP TRACK LEADS



As experts in their different fields, Track Leads have knowledge of training needs in Kenya HIV/AIDS Programs, fellows and short course training participants. These experts lead curriculum development and oversee training activities in their respective tracks.



Dr. Elisha Toyne Opiyo Omulo
PhD (CS), MPhil (CS), B.ED
(Science)

Dr. Elisha Toyne Opiyo Omulo PhD (Computer Science) MPhil (Computer Science), B.ED (Science), is the Health Informatics Track Lead.

He is a lecturer at University of Nairobi lecturing a number of courses to Undergraduate Undergraduate (Bsc CS) and postgraduate (Msc CS, MA) students. He has wide experience in Distributed Systems; Data structures and Algorithms; Artificial Intelligence; Object-Oriented Analysis; Design and Programming; Management of Information Systems; Modeling and Simulations; Management of Information Systems and Advanced AI Programming.

Dr. Opiyo is also a member of sub-committees within UoN School of Computing and Informatics and a member of subcommittees of the College of Biological and Physical Sciences. He is also a member of active research projects within the School of Computing and Informatics.

Dr. Okech C. Timothy (PhD), (MA), BA) is the Health Economics Track Lead. He holds Doctor of Philosophy in Economics specializing in both Health and International Economics. Dr. Okech has been trained in Health systems strengthening, policy analysis, curriculum Review and Development, Development of teaching materials, writing for publication, case writing and NASA HIV/AIDS Expenditure tracking and has over thirteen years experience in Health Systems policy analysis, leadership and management including curriculum review and development and review; development of teaching materials for many institutions including university of Nairobi, Kenyatta university, USIU, KIM, among others.

Key research areas have included Health Sector Reforms; Health Care Financing; universal coverage, Family planning, Health Care Planning and Budgeting, HIV/AIDS Expenditure Tracking, Monitoring & Evaluation (Performance indicator and evaluation), Health Care Evaluations and Costing; Planning and Management of resources and consultants, Analysis of Trade and Transport nationally, regionally and internationally.



Dr. Oketch C. Timothy
PhD (Health Economics), MA
(Economics), BA (Economics)



Kamau Mubuu,
M.A, PGDCS, B.A

Mr. Kamau Mubuu MA (Anthropology), PGDCS (Cultural Studies), BA (Government, History & Philosophy) is the Health Program Management Track Lead at UoN HIV Fellowship program.

He is a lecturer at UoN School of Journalism and Mass Communication; A lecturer at Nairobi Institute of Tropical and Infectious Diseases (UNITID); Lecturer of Research Methods in Peace Education, Department of Continuing Education, Master of Arts in Peace Education and also an occasional Lecturer at Kimmage Centre for Development Studies MS-TCDC Arusha, Tanzania.

Mr. Mubuu is widely experienced in Health Communication and Resource Mobilization & Grant Writing; IEC Programs Management and Evaluation; Projects Specialization and Proposal Writing; Organizational Culture and Societal Strategy; Methodological Techniques in Gender Research and Organizational Behavior Communication.

PROJECT



Dr. Carolyn Atieno Odula
M.Med-Ob/Gyn; M.B.Ch.B

The Kenyan maternal mortality ratio is 488 per 100,000 live births per year, meaning that about 7,000 women die every year. One of the major reasons is lack of skilled attendance at birth. Questions are often asked as to why these women do not seek skilled attendance at birth. Is it solely a financial issue or are health providers not treating them with respect?

Why is access to skilled attendance poor? Is the infra-structure a contributing factor? Output-based aid is an innovative approach to increasing access to basic services—such as healthcare and education—for the poor in developing countries.

It is used in cases where poor people are not able to access basic services because they cannot afford to pay the full cost of user fees.

Output-based aid is also known as “performance-based aid” or “results based aid” or “demand-side financing”.

Promoting the uptake of maternal and newborn health services among a peri-urban population: The case for Kibera, Nairobi

It is part of a broader donor effort to ensure that aid is well spent and that the benefits go to the needy indirectly.

The Kenya Demographic and Health Survey data (2008/2009) tells us that 56% of women deliver outside of a facility.

If a woman experiences a complication far from proper medical care she risks losing her life. In the financing strategy being developed by the Government and other stakeholders, protection of the poor and other vulnerable groups in provision of health services is a key feature.

Besides, Vision 2030 reiterates that development of equitable financing mechanisms

will be done through introduction of a system to channel funds directly to health care facilities to ensure that funds allocated are utilized for the intended purpose.

The areas in need of alternative financing such as Kibera stem from the fact that the Kenya's indicators of maternal mortality and infant mortality are NOT impressive. These indicators further suggest that if concerted efforts are not put in place at the community level, we will not achieve the Millennium Development Goals-2015.

While the health sector has been receiving increasing funding on the supply side, the health and service indicators have not followed suit.

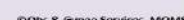
For instance, utilization of facilities for delivery services in Kibera has generally been low (about 44%). In peri-urban settlements like Kibera, a large proportion (46%) of the population lives below poverty line.

The relatively high poverty suggests that even if the demand for maternity and neonatal services is stimulated, the cost will still be out of reach of a large proportion of people, hence the need for demand side or alternative financing to reduce this.

Through promotion of the uptake of maternal and newborn health services among a peri-urban population project,

Dr. Carol Odula (2nd Cohort Fellow) with 3 junior doctor colleagues and artistes from Mombasa (Escobar and Zureya) before the medics offered free medical consultations to the public between edutainment sessions





A PROJECT TO HONOR

Kenyatta National Hospital has for many years dealt with manual transcription of patients' laboratory test results as well as manual medical records. Before the introduction of the web-based laboratory information system, it posed challenges associated with loss and misfiling of test results and transcription errors. These usually led to delays in diagnosis and treatment of HIV patients.

It is based on such inconveniences that Philomena Njeri Waruhari MSc. came up with the web-based laboratory information system for Kenyatta National Hospital Comprehensive Care Centre (CCC).

Born and brought up as the 4th born in a family of 12 children, Philomena grew up in the village 'shags' and comes from a humble family. She says she was just a humble typical village girl during her early days. During her high school and A levels, she realized that she had so much passion in semi-conductor technology and focused in pursuing electronic engineering.

It was during her health informatics training at UON HIV Fellowship Program when she identified the need for a web-based laboratory information system to support evidence based medicine.



**Philomena Waruhari MSc.
Health Informatics Fellow '1st Cohort'**

The degree holder in Electronic Engineering and Masters Degree in Information Technology Management, through the UON HIV Fellowship was posted at Kenyatta National Hospital Comprehensive Care Centre which provides care and support to PLHIVs.

'There were issues with patients' manual files; losing, miss-filing of laboratory test results and the process was tedious, time – consuming and this could push some patients to drop out of the care,' Philomena says.

To protect the patient's confidentiality, the system incorporates extensive encryption

and system access controls machines, central database and back-up system, based on the different user roles. It also adapts to a linear type of bar code labeling technique to identify patient's specimens uniquely at the point of registering the test order in the system.

Ms Philomena's system is characterized by the following features: patient registration, test order, specimen bar-code labeling, electronic data acquisition from the analyzer validation of patients' test results before release, audit trail to track and log all critical interactions with the users including capturing of the identity of the user, the user's action and the timestamp of the action, link to allow users to specify test reference ranges, system alert where test results above or below specified ranges are flagged and reports generation.

The system has helped in detection of more than one assignment of patient identifiers (PID) to the same patient. It has also reduced clerical tasks releasing laboratory technologists to attend to analytical work leading to higher productivity. The patients can check their results status at the records section without necessarily going to the laboratory. It has also made it easier to generate monthly and daily weekly reports for specified period of time as decision support for management.

'Electronic laboratory information systems have the potential to improve patient care and public health monitoring. A well-designed information system can overcome some of the challenges such as loss and misfiling; transcription errors and double allocation of patient identification numbers' says Philomena.

The project was adopted at Kenyatta National Hospital Comprehensive Care Centre and is currently in the process of being rolled out to the whole hospital.



Laboratory Information System Official Launch

Developing a Generic Clinical Workflow to Guide Electronic Medical Records (EMRs) Implementation at Public Health Facilities in Kenya

PROJECT

Following the successful EMR systems review exercise that traversed through various health facilities in Kenya, that sought to find out the degree of functional compliance of the different target EMR systems to the Standards and Guidelines for EMR systems (EMRs) in Kenya document, a report was released by the Ministry of Health on the findings.

In addition the report provided information towards evidence based selection of an EMR(s) that the Ministry of Health (MoH) would recommend for adoption and implementation at the various MoH facilities. I-TECH Kenya provided leadership in supporting the MoH in this venture.

Health facilities develop and adopt different clinical workflows in the process of providing health services. In the process of health facilities transiting from paper based records to EMRs, among the greatest determinants of a successful process is the harmonization of the existing clinical workflow with the EMRs workflow. For best

results, the existing clinical workflow ought to be analyzed to eliminate bottlenecks and ensure optimal operation. The resultant clinical workflow then guides the customization of the recommended EMRs during the implementation at the health facilities.

Paper-based clinical workflows have different processes from EMRs clinical workflows and given the increased push by health facilities to transition from the paper based health records to the EMRs; there exists a need to assess the clinical workflows at target health facilities in Kenya, to list the aspects and processes involved. This shall provide a basis for analysis and modeling of the clinical workflows towards an optimized generic clinical workflow that shall guide the EMRs implementation at public health facilities and ensure harmony between the paper-based clinical workflows and the EMRs clinical workflow.

In developing a generic clinical workflow, the project endeavored to:

Summarize the different aspects and processes from clinical workflow assessment at target health facilities:

Clinical Workflows differed from one health facility to another owing to their different levels and patient capacities. This process identified

‘..among the greatest determinants of a successful process is the harmonization of the existing clinical workflow with the EMRs workflow.’



Samuel Gichihi Kang'a

and summarized the different features and processes in each of the assessed clinical workflows Workflows which were later to be used to develop the respective clinical workflow models.

Develop models for workflows in use at target health facilities: based on the clinical workflow features and processes, clinical workflow analysis was conducted towards the realization of models for each of the target health facilities.

The models helped eliminate existing bottlenecks and identify activities that could be eliminated during the EMRs implementation.

Develop a generic clinical workflow to guide EMR implementation: the resultant clinical workflow models were put together into a generic clinical workflow that that employed algorithms to guide systems developers in

implementation of treatment guidelines in EMRs.

The execution of this project incorporated the opinions of the health workers who are moving from the paper based system to the EMRs.

This way, the users would have a sense of ownership and readily learn and use the EMRs. Since the EMRs were based on an enhanced version of the existing workflows, the EMRs learning curve was expected to be leaner.

The modeling and analysis of the existing workflows ensured that any bottlenecks were eliminated leading to optimized processes. This also provided a definite system structure allowing for easy automation of processes and a structured path towards future EMRs improvement. The ultimate outcome of the project was the realization of a generic clinical workflow.



Audience following Kang'a's presentation during the internal project presentation by 2nd Cohort Fellows



Kang'a presenting during the internal project presentation of 2nd Cohort fellows

2ND COHORT FELLOWS



*Dr. Ann G. Mungai MB.ChB., PGD STI
Senior Medical Officer,
Kenya National Hospital*

Award of the year 2006 for being the best employee in Respiratory and Infectious Disease Department (RIDD).

2006 Oct — Promoted to Senior Medical Officer I (SMO I)

2003 Sept — Senior Medical Officer posted to Comprehensive Care Centre (CCC) in the Respiratory and Infectious Disease Department of Kenya National Hospital where I have been responsible for the daily running of the clinic and management of HIV Patients.

2001 June — Promoted to Senior Medical Officer II (SMO II)

1997 Feb — Promoted to Senior Medical Officer III (SMO III)

1992 Oct — Employed at the Casualty Department of Kenya National Hospital initially at Medical Officer (MO.I) in the Casualty Department and its auxiliaries namely: Amenity wards (Private Wing), Staff Clinic and Pediatric Filter Clinic (PFC)

1991—1992 — Internship training at Kenya National Hospital, Nairobi.

Senior Medical Officer— Comprehensive Care Centre; Respiratory and Infectious Department of KNH.

2002—Masters in Public Health (MPH) in the Department of Community Health, UoN.

1986-1992— Bachelor of Medicine and Bachelor of Surgery Degree (BH, CH.B), at the University of Nairobi.

2006 Dec— Received the Kenya National Hospital Employee Excellent Award



*Dr. Carolyn Atieno Odula
M.Med—Ob/Gyn; M.B.Ch.B*

Specialist Obstetrician and Gynaecologist

2004 to date— University of Nairobi Health Services Senior Medical Officer.

2003— University of Nairobi Masters in Medicine—Obstetrics and Gynaecology (M.Med—Ob/Gyn).

2000—University of Nairobi Postgraduate Diploma in Sexually Transmissible Infections—PGDSTI/HIV (Pioneer class).

1996— University of Nairobi Bachelor of Medicine and Bachelor of Surgery (M.B.Ch.B.)

Dec 2008 — **University Clinic, St. Luc—Belgium:** Certificate on Urogynaecology Laser Surgery. Fully sponsored by Laser and Optic Africa Ltd.

Sept 2006 — April 2007— Lund University, Sweden: International Advanced Diploma on Sexual and Reproductive Health and Rights. Received certificate on 'Project of Change' in Male involvement in the management of the infertile couple. Fully sponsored by S.I.D.A.

2003 to 2004 — Marie Stopes Kenya

2000 to 2003 — University of Nairobi—Registrar Department of Obstetrician/gynecologist.

1998—1999 — Aga Khan Hospital Nairobi— Senior House Officer.

1997—1997 — Kenya National and Referral Hospital— Internship.



*Francis Kilonzo Muma
MPH, BSc.*

2013— Date: Head, Quality Assurance and Standards Unit Ministry of Health, National Government of the Republic of Kenya.

2005 — Master of Public Health (MPH) Policy Planning /Health Systems Management.

2012— Certificate in Biological and Social Surveillance of HIV/ AIDs among MARPS —University of Columbia in collaboration with ICAP.

2009— Certificate in Area Focused Training Course in Quality Improvement of Health Services by 5S— Kaizen— TQM (Tokyo, Japan).

1993—1997— Bachelor of Science in Nursing (UoN).

Nov 2004— June 2006— Senior Nursing Officer (SNO) deputizing the nursing Officer in-charge at the National Spinal Injury Hospital in Nairobi.

December 2005—June 2006— Part-time Subject Matter Expert (SME) / Consultant with the Nursing Council of Kenya (NCK), (AMREF) and Accenture (UK) in reviewing training materials for upgrading enrolled Community Health Nurses (KRCHN) using the e-learning approach.



*Hellen A. Were, MA Economics
University of Nairobi*

January 2010 to date: Senior Immigration Officer

Ministry of State for Immigration and Registration of Persons.

Dec 2008—Dec 2009: UN Mission Liberia Immigrations Expert/ Advisor.

Oct 2003 – Dec 2008 — Immigration Officer at Ministry of State for Immigration and Registration of persons.

2004 — 2005 — M.A, Economics University of Nairobi. Research project 'Effect of Health on Foreign Direct Investments in Kenya; March 2003 to Aug 2003— Accountant, The Dental Place, Nairobi.

1998— 2002— University of Nairobi, B.A., Economics. Research project 'Financing Women Micro-entrepreneurs in Kenya.'

2002 — University of Nairobi, Computer packages done: MS Dos, MS Word, MS Access, Introduction to Computers, Internet.

1999 — 2001— Vision Institute of Professionals, Nairobi. Certificate CPA I.



**Deputy Chief
Administrative
Officer (Cs) KNH
Sep 2003 To Date**

Member of the Senior Management Team of the Hospital with varied responsibilities in the management of the Hospital finances, resources, mobilization and ensuring decisions for efficient Hospital Operations.

**Jared meshack owiny
MA. Hospital Management**

Master of Arts in Hospital Management (MA) 1999: University Of Leeds (Uk)

-Core Course In HM - Operational HM
-Health Economics For FP -Financial Management
-HRM and DEV. For Health -Dissertation Preparation
-Dissertation.

Bachelor of Arts (BA) 1988: University of Nairobi.

Ag. Town Clerk – Busia Municipal Council Feb – Sept 2003.

Principal Administrative Officer - Public Health Department Nairobi City Council.

Hospital Secretary — Pumwani Maternity Hospital in 1994.

Chief Administrative Officer— Inspectorate and Education Departments

Children's Officer—Moha&NH, Kwale district, Mombasa; Kabete Approved School and Garrisa –(1989 – 1993)



**Dr. Masese Ongeri Johnson,
Masters in Clinical Pharmacy
(MPharm)**

Dec 2008; To Date: Pharmacist in charge, Western provincial Hospital, Kakamega.
2006- 2008: Masters in Clinical Pharmacy University of Nairobi.
1998-2001: Bachelor of Pharmacy Tamil Nadu Dr.MGR Medical University India. (First class).
Diploma in Pharmaceutical Marketing Management (DPMM) Institute of Pharmaceutical Education and Research; India (Excellent class).

SEPT 2006 – DEC 2008 : Post Graduate Student (Masters in Clinical Pharmacy)

University of Nairobi, I worked at Kenyatta National Hospital Pharmacy and wards during the post graduate studies.

Dissertation work on: *A retrospective comparative study on Adverse drug reactions among HIV(+) and HIV(-) adult patients taking antitubercular drugs in 2006 - 2007.*

Sept 2004- Sept 2006: Pharmacist in charge Migori District Hospital, (Ministry Of Health – Kenya).

Nov 2003-Feb 2004: Laboratory and Allied for 3 Months as Intern pharmacist.

Aug- Oct 2003: Omaera Pharmaceuticals for 3 Months as intern pharmacist.

Feb –Oct 003: Nairobi Hospital as intern pharmacist for 6 Months.

Professional Achievements

Pharmacist registration - Pharmacy and Poisons Board of Kenya - 2004.

Pharmacist registration - Tamil Nadu Pharmacy council, India - 2002

Member of Pharmaceutical society of Kenya - As from 2006.



**Samuel G. Kang'a
MSc. Information Technology**

**Technical Advisor—Standards (I-TECH Kenya)
Strathmore University:
2006 – 2009**

Masters of Science in Information Technology
Jomo Kenyatta University of Agriculture and Technology 2003 – 2005
BSc. in Information Technology—First Class Honors

JKUAT 2001– 2002

Diploma in Information Technology

2001– 2002 : Jomo Kenyatta University of Agriculture and Technology Diploma in Information Technology (Credit).

2006—Most Action Oriented Employee of the year (3Mice)

November 2007—Successful development and implementation of a disaster recovery plan at PKF Kenya

November 2007 - Smooth and successful change over of file servers in the bid to upgrade the systems at PKF Kenya

2009—Presented a term paper at the Strathmore 10th annual ICT conference.

Title: e-Government Systems in Kenya: Possibility on Synergy

2010 - Employee of the Quarter award Resolution Health E A Ltd

2010 – Successful Virtualization of Production Servers at Resolution Health E A Ltd

July 2008 - Aug 2010: Resolution Health East Africa Limited IT Support Supervisor

July 2007 - June 2008: PKF Kenya System Administrator

October 2005 - July 2007: 3Mice Interactive Media System Developer.



**Wycliff Mariga Ombuki
MA, BA Economics**

May 2010 to date: Lecturer at Moi University.
Lecturing in National Development and evaluation of students.

2006-2009: University of Nairobi Master of Arts in Economics. School of Economics.

1997-2001: Egerton University B.Ed Arts (Hons) Second Class Upper division (Economics and Business Studies)

1997: The Kenya polytechnic Certificate Public Accountants (CPA)

- Been involved in research work in areas such as on share splits at the Nairobi stock exchange market and on problems affecting performance of primary schools in rural areas of Kenya.

- Been a lecturer in Business Studies, Economics, Human Resource Management and Office Management both in tertiary institutions and at University level.

-Been involved in administrative work as an administrator and as a Head of the Association of Business Executives (ABE) Department in a tertiary institution.

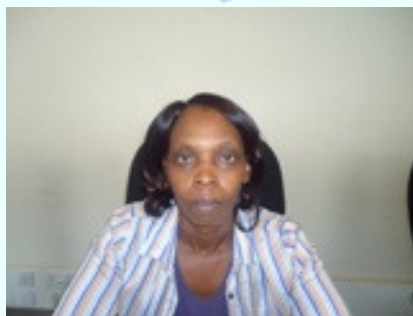
Feb 2010 to date: Lecturer, ST. Paul's University Lecturing in Public Finance, Macroeconomics and Money and Banking and evaluating students.

July 2008 to date: Lecturer and Administrator, Cornerstone Training Institute, Westlands Campus Lecturing in Economics and Business Communications.

May 2008: Lecturer, Metropolitan Educational Centre (METEC) Lecturing in Economics for Business, Public Relations and Human Resource Management.

PROJECT

Pamoja project: Improving Combination Prevention Services within Drop-in Service Centers of Shujaa Most At- Risk Populations (MARPs) Program in Rift Valley, Kenya



Dr. Ann G. Mungai
MB.ChB., MPH, PGD STI
Senior Medical Officer,
Kenyatta National Hospital

The Pamoja Project was hosted at Hope worldwide Kenya (HwwK) a faith-based organization that partnered with German Foundation for Development (DSW) to implement Shujaa project funded by CDC from 2010-2015. Our goal was to increase access to combination prevention services to MARPs, their clients and general population in Rift valley region.

In FY1 (Foundation Year 1) 38,983 clients were counseled, tested and received their test results. Of these, 1048 clients tested HIV + and were referred to local health facilities for care and treatment. However, it is not known how many among them actually sort the services.

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and Central, by July 2012; procuring Cotrimoxazole for prophylaxis and improving combination prevention services within Shujaa Drop-in Service Centres (DISCs) in Kajiado North and Central by July 2012.

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An assessment of feedback after 3/12 from those sensitized revealed: that knowledge on CPT among Shujaa staff, Health facility staff, MARPs peer educators and GP peer educators improved; access to Cotrimoxazole prophylaxis among Shujaa clients who test HIV positive in Kajiado increased; proportion of

clients effectively referred to the health centres in Kajiado increased and combination prevention services within Shujaa project in Kajiado improved. Some of the shared experiences: Registered Clinical Officer (RCO) Namanga, "Since the project began in mid July, 2012 in Namanga, it has raised hopes of many people after testing HIV positive. It also improved counseling uptake among Shujaa clients who are mainly truckers, female sex workers and the general population.

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Sensitization Session for Staff at Kitengela on 03/07/2012



**Deputy Chief
Administrative
Officer (Cs) KNH
Sep 2003 To Date**

Member of the Senior Management Team of the Hospital with varied responsibilities in the management of the Hospital finances, resources, mobilization and ensuring decisions for efficient Hospital Operations.

**Jared meshack owiny
MA. Hospital Management**

Master of Arts in Hospital Management (MA) 1999: University Of Leeds (Uk)

-Core Course In HM - Operational HM
-Health Economics For FP -Financial Management
-HRM and DEV. For Health -Dissertation Preparation
-Dissertation.

Bachelor of Arts (BA) 1988: University of Nairobi.

Ag. Town Clerk – Busia Municipal Council Feb – Sept 2003.

Principal Administrative Officer - Public Health Department Nairobi City Council.

Hospital Secretary — Pumwani Maternity Hospital in 1994.

Chief Administrative Officer— Inspectorate and Education Departments

Children's Officer—Moha&NH, Kwale district, Mombasa; Kabete Approved School and Garrisa –(1989 – 1993)



**Dr. Masese Ongeri Johnson,
Masters in Clinical Pharmacy
(MPharm)**

Dec 2008; To Date: Pharmacist in charge, Western provincial Hospital, Kakamega.
2006- 2008: Masters in Clinical Pharmacy University of Nairobi.
1998-2001: Bachelor of Pharmacy Tamil Nadu Dr.MGR Medical University India. (First class).
Diploma in Pharmaceutical Marketing Management (DPMM) Institute of Pharmaceutical Education and Research; India (Excellent class).

SEPT 2006 – DEC 2008 : Post Graduate Student (Masters in Clinical Pharmacy)

University of Nairobi, I worked at Kenyatta National Hospital Pharmacy and wards during the post graduate studies.

Dissertation work on: *A retrospective comparative study on Adverse drug reactions among HIV(+) and HIV(-) adult patients taking antitubercular drugs in 2006 - 2007.*

Sept 2004- Sept 2006: Pharmacist in charge Migori District Hospital, (Ministry Of Health – Kenya).

Nov 2003-Feb 2004: Laboratory and Allied for 3 Months as Intern pharmacist.

Aug- Oct 2003: Omaera Pharmaceuticals for 3 Months as intern pharmacist.

Feb –Oct 003: Nairobi Hospital as intern pharmacist for 6 Months.

Professional Achievements

Pharmacist registration - Pharmacy and Poisons Board of Kenya - 2004.

Pharmacist registration - Tamil Nadu Pharmacy council, India - 2002

Member of Pharmaceutical society of Kenya - As from 2006.



**Samuel G. Kang'a
MSc. Information Technology**

**Technical Advisor—Standards (I-TECH Kenya)
Strathmore University:
2006 – 2009**

Masters of Science in Information Technology
Jomo Kenyatta University of Agriculture and Technology 2003 – 2005
BSc. in Information Technology—First Class Honors

JKUAT 2001– 2002

Diploma in Information Technology

2001– 2002 : Jomo Kenyatta University of Agriculture and Technology Diploma in Information Technology (Credit).

2006—Most Action Oriented Employee of the year (3Mice)

November 2007—Successful development and implementation of a disaster recovery plan at PKF Kenya

November 2007 - Smooth and successful change over of file servers in the bid to upgrade the systems at PKF Kenya

2009—Presented a term paper at the Strathmore 10th annual ICT conference.

Title: e-Government Systems in Kenya: Possibility on Synergy

2010 - Employee of the Quarter award Resolution Health E A Ltd

2010 – Successful Virtualization of Production Servers at Resolution Health E A Ltd

July 2008 - Aug 2010: Resolution Health East Africa Limited IT Support Supervisor

July 2007 - June 2008: PKF Kenya System Administrator

October 2005 - July 2007: 3Mice Interactive Media System Developer.



**Wycliff Mariga Ombuki
MA, BA Economics**

May 2010 to date: Lecturer at Moi University.
Lecturing in National Development and evaluation of students.

2006-2009: University of Nairobi Master of Arts in Economics. School of Economics.

1997-2001: Egerton University B.Ed Arts (Hons) Second Class Upper division (Economics and Business Studies)

1997: The Kenya polytechnic Certificate Public Accountants (CPA)

- Been involved in research work in areas such as on share splits at the Nairobi stock exchange market and on problems affecting performance of primary schools in rural areas of Kenya.

- Been a lecturer in Business Studies, Economics, Human Resource Management and Office Management both in tertiary institutions and at University level.

-Been involved in administrative work as an administrator and as a Head of the Association of Business Executives (ABE) Department in a tertiary institution.

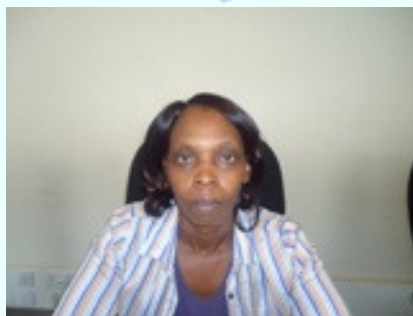
Feb 2010 to date: Lecturer, ST. Paul's University Lecturing in Public Finance, Macroeconomics and Money and Banking and evaluating students.

July 2008 to date: Lecturer and Administrator, Cornerstone Training Institute, Westlands Campus Lecturing in Economics and Business Communications.

May 2008: Lecturer, Metropolitan Educational Centre (METEC) Lecturing in Economics for Business, Public Relations and Human Resource Management.

PROJECT

Pamoja project: Improving Combination Prevention Services within Drop-in Service Centers of Shujaa Most At- Risk Populations (MARPs) Program in Rift Valley, Kenya



Dr. Ann G. Mungai
MB.ChB., MPH, PGD STI
Senior Medical Officer,
Kenyatta National Hospital

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Sensitization Session for Staff at Kitengela on 03/07/2012

Project monitoring and evaluation conference – cum – training at the International Law Institute - Washington DC, 30th Oct – 11th Nov 2013.

By Mr. Tallam Kipruto



***Monitoring and Evaluation Manager
UoN HIV Fellowship Program
Monitoring and Evaluation Manager***

Monitoring and Evaluation is a critical part of management of the UoN HIV Fellowship Program. It aims at ascertaining the degree of Effectiveness and Efficiency of the three major training categories being implemented namely: The two year fellowship; Medium term Fellowship and Short courses which are The conference-cum-training was about the current practices in M&E in selected



International Law Institute - Washington DC

institutions around the world, identifying the strengths, limitations and how to manage them. Institutions represented were;

- USAID – Ethiopia
- ILI – USA
- Department of urban roads, Ministry of Roads and Highways– Ghana
- Prison Fellowship International – Mongolia
- UoN HIV Fellowship Program – Kenya
- National Assembly Budget and Research Office – Nigeria
- Ministry of Finance, Planning and Economic Development – Uganda
- National Assembly – Tanzania

The conference highlighted the M&E approaches adopted by institutions and programs in monitoring the effectiveness of inputs and processes; and efficiency of outputs, outcomes and impact.

In view of the presentations made, participants were later taken through training sessions to fill the gaps identified, contemporary M&E models developed for Health programs, trainings, government and Non-Governmental institutions.



Some of the participants at the Project Monitoring and Evaluation conference

International Microbicides Conference



Dr Carolyn Atieno Odula-Cohort II, UNITID Program management course

The 2012 International *Microbicides* Conference (M2012) took place from April 15-18 2012, at the Sydney Exhibition and Conference Centre at Darling Harbour, Sydney, Australia. The conference was attended by researchers, advocates and funders in the HIV prevention field, with discussions and presentations focused on access to prevention technologies, adherence in clinical trials, innovative financing, dual prevention technologies and new methods of preventing rectal transmission of HIV.

Professor John Kaldor of the Kirby Institute at the University of New South Wales, co-chair of the M2012 noted that there has been renewed optimism about development and delivery of new HIV prevention options with the potential for ending the AIDS epidemic, including anti-retroviral based microbicides (*compounds that can be applied directly to the vagina or rectum prior to sexual intercourse in order to prevent the transmission of HIV*) and pre-exposure prophylaxis (*a new HIV prevention method in which people who do not have HIV infection take a pill daily to reduce their risk of becoming infected*).

Traditional HIV prevention technologies have included behavioural risk reduction, HIV voluntary counselling and testing, treatment of sexually transmitted infections, consistent use of condoms, male circumcision, occupational post-exposure prophylaxis, and prevention of vertical transmission.

New HIV prevention technologies (NPT) include oral pre-post exposure chemoprophylaxis, vaginal and rectal antiretroviral (ARV) gels, HIV vaccines and use of ARV treatment as prevention.

The highest burden of HIV infection is in women younger than 30 years, making prevention interventions targeting adolescents and young women a high priority.

Current options to reduce acquisition of HIV infection

remain limited for women, and,

therefore, new technologies to prevent the sexual transmission of HIV in women are urgently needed. CAPRISA 004 Tenofovir Gel Trial assessed the safety and effectiveness of 1% tenofovir gel in sexually active women. It showed that the gel reduced HIV-1 incidence by 39% and HSV-2 acquisition by 51% in women, thereby providing proof for the concept that antiretrovirals can prevent sexually transmitted HIV and HSV-2 infection.

The highest burden of HIV infection is in women younger than 30 years

We were part of the privileged group to receive the iPrEx study findings. This was a randomized, double-blind, placebo-controlled Phase III clinical trial whereby participants were randomly assigned to receive an antiretroviral tablet (Truvada) containing a combination emtricitabine (FTC) and tenofovir (TDF) or a placebo pill daily. The study was designed to determine whether Truvada could safely and effectively prevent HIV infection among sexually active men who have sex with men and transgendered women who have sex with men. Investigators found that study participants who took the daily dose of Truvada experienced an average of 43.8 percent fewer HIV infections than those who received a placebo pill.

Future microbicide work involves use study of the use an antiretroviral drug Dapiravine in a slow-release vaginal ring.

PHOTOS



Prof. George A.O. Magoha, VC, UoN giving his speech during the 1st cohort graduation ceremony



Prof. Isaac O. Kibwage giving his speech during the graduation



Philomena Waruhari with Fellows during their graduation



A fellow receives a certificate during 1st Cohort Graduation



Prof. Kaimenyi giving his speech during the 2nd Cohort graduation Ceremony



Dr. Robert F. Breiman (CDC) giving his speech during the graduation



Prof. George Magoha, UoN VC following a speech during the graduation



1st Cohort Fellows after receiving their certificates during 1st Cohort Graduation



UNIVERSITY OF NAIROBI

INSTITUTE OF TROPICAL AND INFECTIOUS DISEASES

THE UON HIV FELLOWSHIP PROGRAM

UON HIV FELLOWSHIP PROGRAM DISTANCE LEARNING CENTRE

Objective

- To implement market driven courses aimed at strengthening the national HIV response.
- To Revolutionize training by the University of Nairobi through distance education by making them relevant, interactive, convenient and cost effective.

Vision

To be the premier distance education centre in the Kenya.

Mission

To support the Kenya HIV/AIDS program by strengthening the national program capacity of the ministries of health and NGO'S through distance education.

Short Courses

The following Courses are currently being offered:-

- Epidemiology and Biostatistics
- Informatics and Health Data Management
- Global Health Leadership and Management
- Health Economics and Economic Evaluation of Projects



Mode of Delivery

There are two modes of delivery:

- Webcast training: This are real time courses delivered through adobe connect where participants log into the system at predetermined periods for the lectures.
- Online training: This is where participants will log into the system at anytime to access archived lectures. In this instance learning is self paced.

Participants

Participants are staff from the Ministries of Health and NGO's who attain the desired qualifications.



UON HIV Fellowship Program Partners

	Centers for Disease Control and Prevention CDC 24/7: Saving Lives. Protecting People. The UON HIV Fellowship Program Donor.		Mission for Essential Drugs and Supplies. A world class faith-based medical supply chain and capacity building organization
	Together we make history. Discover what's next.		To work with vigor and compassion through our networks and with communities to prevent and alleviate human suffering and save lives of the most vulnerable.
	Provide policy and a Strategic framework for mobilizing and coordinating resources for the prevention of HIV transmission and provision of care and support to the infected and affected people in Kenya.		Bringing hope. Changing lives.
	Family Health International is a public health and development organization dedicated to improving living standards of the world's most vulnerable people.		A global network that works with local partners to develop skilled health care workers and strong national health systems in resource-limited countries.
	Provides accessible, affordable, sustainable and quality social health insurance through effective and efficient utilization of resources to the satisfaction of stakeholders.		Maryland Global Initiative Corporation. Improving the livelihood of small scale farmers.
	To promote and participate in the provision of high quality curative and rehabilitative medical services		Pathfinder International. A global leader in sexual and reproductive health.
	For lasting health change in Africa: communities with the knowledge, skills and means to maintain their good health and break the cycle of poor health and poverty.		BOMU HOSPITAL – Health. Hope. Humanity
	To provide accessible specialized quality healthcare, facilitate medical training, research, participate in national health planning and policy.		Promoting access to quality health care.
	To be recognized as one of the most attractive cities of the world.		Envisions a healthy, productive and prosperous society in western Kenya with community members that are self-reliant and able to determine their own destiny.
	Global. Health. Action		National AIDS & STI Control Programme. Fighting against HIV/AIDS.

Management and Support Staff

Sospeter Ndaba Kimani MPH, BSc—Project Manager
Kipruto Tallam— Monitoring and Evaluation
Omondi Stephen — Training Coordinator
Paula Ngarega — Project Administrator
Mustafa Ali Boru—Financial Accountant
Elizabeth Kisyang'a—Communication Assistant
Paul Mburu — Project Driver

Track Leads

- ♦ Dr. Elisha Opiyo — Health Informatics
- ♦ Dr. Timothy Okech — Health Economics
- ♦ Mr. Kamau Mubuu - Program Management

“ If people let the government decide what foods they eat and what medicines they take, their bodies will soon be in as sorry a state as the souls who live under tyranny. ”

– Thomas Jefferson



UNITID

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University Campus

020 8080391

Email: unitid@uonbi.ac.ke



“ The wish for healing has always been half of health. ”

- Lucius Annaeus Seneca