

University of Nairobi-College of Health Sciences



# UNIVERSITY OF NAIROBI

## COLLEGE OF HEALTH SCIENCES



ANNUAL REPORT 2012

P. O. BOX 19676-00202, KNH,  
HOSPITAL ROAD,  
NAIROBI  
[www.chs.uonbi.ac.ke](http://www.chs.uonbi.ac.ke)

### 1.1 VISION

An internationally recognized centre committed to scholarly and professional excellence in healthcare

### 1.2 MISSION

To provide quality medical education and training through creation, preservation, integration, transmission and utilization of health knowledge

### 1.3 CORE VALUES

To realize the stated vision and mission, the College aspires to nurture values that are vital to its mandate. The College is thus guided by the right values derived from moral standards required of healthcare professionals, which is in line with those of the Kenyan society. In respect to this, the core values of the College are:

- 1) **Freedom of thought and expression:** The College shall promote and defend freedom of thought and expression in academic inquiry and activities.
- 2) **Integrity:** In its interactions, the College shall be guided by the virtues of truth, honesty, tolerance and accountability.
- 3) **Professionalism and ethics:** The College shall nurture responsible professionalism, promote mentorship, maintain ethical behaviour and etiquette.
- 4) **Leadership:** The College shall provide leadership in setting the national and international health agenda.
- 5) **Research culture:** The College shall initiate and sustain relevant, creative, innovative and inventive research and ethical for the benefit of mankind.
- 6) **Meritocracy and team-work:** The College shall promote meritocracy and foster a work environment characterized by team spirit and teamwork.
- 7) **Corporate governance and social responsibility:** Good corporate governance, sensitivity to needs of the society and respect for human rights shall be the hallmark of the College.
- 8) **Respect for and conservation of the environment:** The College promotes protection of the environment.

### 1.4 MOTO

Ensuring Health Care in Safe Hands

**MEMBERS OF THE COLLEGE MANAGEMENT BOARD**



Prof. Isaac O. Kibwage  
Principal



Prof. Charles Omwandho  
Dean, School of Medicine



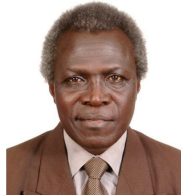
Prof. Anastasia Guantai  
Dean, School of Pharmacy



Dr. Grace Omoni  
Director, School of Nursing  
Sciences



Prof. Loice Gathece  
Dean, School of Dental  
Sciences



Dr. Dismas Ongore  
Director, School of  
Public Health



Dr. Elizabeth Ngugi  
Director, CHIVPR



Prof. Benson Estambale  
Director, UNITID



Mr. Kenneth N. Gitau  
College Bursar



Macharia Waigwi  
Ag. College Registrar

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## 1. MESSAGE FROM THE PRINCIPAL

I am pleased to present the annual report for the College of Health Sciences covering the period 2012.

The report captures the events of the mentioned period including learning and research activities, physical infrastructure development, staff development, finances, publications by staff and students, conferences, consultancies, outreach programmes, collaborations and links established.

The College's extensive curricular continued to attract students from around the country and across the globe to immerse themselves in a vast array of medical subjects, gaining essential knowledge and practical experience through an ever-growing collection of experiential learning opportunities. During the period, 1212 new students were admitted into our various programs and around 672 healthcare professionals in the fields of medicine, dentistry, pharmacy, nursing and biomedical sciences graduated. During the period, the College organized a colourful graduation ceremony for the first 12 graduates of the University of Nairobi HIV Fellowship. The fellowship program's aim is to mold future leaders for the Kenya HIV response in the three areas of management, Health Economics and Health Informatics.

Through Prime-K project, the College continued to extend the reach of medical education outside Nairobi by developing decentralized clinical experiences. This was achieved by training and accrediting local medical doctors and specialists in identified provincial and district hospitals; to be directly responsible for our students sent to decentralized sites for rotations.

The College's rich intellectual life was also evident in the faculty's scholarship and engagements which resulted in 297 research publications and 270 staff attending scientific conferences and other academic fora. Our research portfolio was over Kenya shillings one billion with activities spanning from basic to applied and operational research with strong platforms for clinical trials, traditional medicine, quality assurance of medicines, vaccine developments and Tropical and Infectious diseases.

The College maintained extensive collaborations with national and international institutions and organisations. It had also numerous collaborations and linkages with Universities within Africa, North America, Europe, Middle East, Continental Asia, and Australia.

I am happy to report that during the period 2011/2012, the College organized four Scientific/Academic conferences where participants shared experiences as part of continued effort towards academic excellence, research results dissemination and networking.

On infrastructure, the College acquired state of the art teaching and research facilities among them Nairobi Surgical Skills Centre, Multipurpose Skills laboratory and Telemedicine and telepathology studios. During the same period, our Vice-Chancellor presided over the ground breaking ceremony for the New School of Pharmacy Building.

As part of our Community outreach, the College in partnership with Starkey Foundation, USA, provided more than 20,000 hearing aids to those with impaired hearing in the region. The MARPS program through ten sites (Dices) spread across Central and Eastern regions, contributed to significant reduction of HIV transmission among most at risk populations. Our Staff continued to offer specialized services at Kenyatta National Hospital, Mathari Hospital,

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as well as at the University of Nairobi Dental Hospital. Other services to the community include outreach programmes and medical camps held throughout the Republic of Kenya.

The College is committed to offer unparalleled customer-centered service through exemplary training, research and community outreach programmes to meet the needs and aspirations of our stakeholders.

I invite you to read the report and provide feedback on the issues covered to enable us improve on service delivery.

Professor Isaac O. Kibwage

### 2. INTRODUCTION

The College of Health Sciences of the University of Nairobi is the leading tertiary healthcare training centre in Kenya. The College was created in 1985 and had its origin in the Faculty of Medicine which was established in 1967. It currently comprises of five Schools, namely the Schools of: Medicine (1967), Pharmacy (1995), Dental Sciences (1995), Nursing Sciences (2004) and Public Health (2010); and one institute, University of Nairobi Institute of Tropical and Infectious Diseases (UNITID) (2003) and the Centre for HIV Prevention and Research (CHIVPR) (2006).

The College has 21 teaching departments and 11 thematic units. The College also has state of the art teaching and research facilities including the Nairobi Surgical Skills Centre and Multipurpose Skills laboratory.

The College operates with its vision as an international centre of choice for training of high caliber healthcare professionals for innovative research and provision of quality healthcare in a safe environment.

The University of Nairobi Institute of Tropical and Infectious disease, (UNITID) is the third facility of its kind in Africa that undertakes research and training geared towards management and control of infectious diseases. It had an ultramodern Level 3 Laboratory supporting research into emerging and re-emerging pathogens especially the viral haemorrhagic fevers. The Kenya Aids Vaccine Initiative (KAVI), currently hosts one of the only three vaccine research laboratories in Africa and is the first site for phase 1 and 2 HIV and AIDS vaccine trials in Africa.

Staff at the College offer specialised services at Kenyatta National Hospital, Mathari Hospital, as well as at the University of Nairobi Dental Hospital. College staff also provide exemplary service to community through outreach programmes and medical camps held throughout the Republic of Kenya.

The governance of the College comprises of College Management Board, College Academic Board, School Boards down to individual departments. The above organs incorporate students and other stakeholders as per statutes.

### 3. HUMAN RESOURCE (HR)

#### Summary of College Staff Count by Grade and Gender in 2012

Grade	Male	Female	Totals
Principal	1	0	1
Professor & Equiv.	26	8	34
Ass. Prof. & Equiv.	45	20	65
Sen. Lect. & Equiv.	41	25	66
Lecturer & Equiv.	129	63	192
E/F	5	1	6
D/E/F	38	28	66
E	0	1	1
Ass. Lect. & Equiv.	1	0	1
Tutorial Fell. & Equ	28	30	58
D	0	3	3
C/D	4	3	7
C	1	9	10
A/B/C	33	15	48
B	2	10	12
A/B	1	1	2
A	1	21	22
IV	10	6	16
III/IV	1	0	1
III	6	4	10
II	14	6	20
I	6	4	10
Contract	184	187	371

In addition, about 240 doctors and consultants at Kenyatta National Teaching and Referral Hospital as well as Mathari (Nairobi), Mbagathi and Pumwani Maternity Hospitals also participate in teaching of our students on a honorary basis.

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**STAFF PROMOTED DURING YEAR 2012**

	P/NO.		NAME		GENDER	DEPARTMENT	POST PROMOTED TO
1.	159200	Prof.	Zahida Parveen	Qureshi	Female	Obs & Gyn	Associate Professor
2.	160080	Prof.	James Naman	M'imunya	Male	Obs & Gyn	Associate Professor
3.	204240	Prof.	James Njogu	Kiarie	Male	Obs & Gyn	Associate Professor
4.	141410	Prof.	Peter W.	Kinyanjui	Male	Biochemistry	Associate Professor
5.	142400	Prof.	Edward Kinyua	Nguu	Male	Biochemistry	Associate Professor
6.	181550	Prof.	Laila Uweso	Abubakar	Female	Biochemistry	Associate Professor
7.	40920	Prof.	Josephat A.	Mulimba	Male	Orthepadeic Surgery	Professor
8.	98090	Prof.	Lawrence Ndegwa	Gakuu	Male	Orthepadeic Surgery	Professor
9.	99490	Prof.	John Ernest Oluoch	Atinga	Male	Orthepadeic Surgery	Professor
10.	122060	Dr.	Vincent	Mutiso	Male	Orthepadeic Surgery	Senior Lecturer
11.	93280	Prof.	Ezekiel Masibo	Wafula	Male	Pediatrics & Child Health	Professor
12.	113540	Prof.	Aggrey O	Wasunna	Male	Pediatrics & Child Health	Professor
13.	131560	Prof.	Ruth W.	Nduati	Female	Pediatrics & Child Health	Professor
14.	159620	Prof.	Fredrick N	Were	Male	Pediatrics & Child Health	Professor
15.	73160	Prof.	Rachel N	Musoke	Female	Pediatrics & Child Health	Associate Professor
16.	151530	Prof.	Elizabeth	Obimbo	Female	Pediatrics & Child Health	Associate Professor
17.	177540	Dr.	Dalton C.	Wamalwa	Male	Pediatrics & Child Health	Senior Lecturer
18.	130520	Prof.	Caleb Joseph	Othieno	Male	Psychiatry.	Associate Professor
19.	160070	Prof.	Francis G	Macigo	Male	Periodontology	Associate Professor
20.	172700	Prof.	Loice W.	Gathece	Female	Periodontology	Associate Professor
21.	182730	Prof.	Evelyn Gaceri	Wagaiyu	Female	Periodontology	Associate Professor
22.	102780	Prof.	Anastasia N.	Guantai	Female	Pharmacology	Professor
23.	188620	Dr.	Eric M.	Guantai	Male	Pharmacology	Lecturer
24.	179390	Miss.	Zipporah	Osukuku	Female	Pharmaceutics	Assistant Senior Secretary
25.	191310	Mr.	Brisson Mutua	Muia	Male	Clinical Medicine	Senior Technologist
26.	191320	Mr.	Tom Mbuya	Omollo	Male	Clinical Medicine	Senior Technologist
27.	181430	Mr.	Barasa	Wafubwa	Male	Principal's Office	Messenger II
28.	157110	Mr.	Peter M	Kalai	Male	Periodontology	Messenger II
29.	117390	Ms.	Hannah W	Gitau	Female	School of Public Health	Messenger II
30.	164110	Ms.	Mercy W	Mwangi	Female	Diagnostic Imaging	Messenger II
31.	167610	Ms.	Hellen K	Nkoro	Female	Pharmaceutical Chemistry	Messenger II
32.	164290	Miss.	Winfred	Mbui	Female	Clinical Medicine	Messenger II
33.	164140	Mr.	Barnaba K	Simatwo	Female	Human Pathology	Messenger II



#### 4. FUNDING AND FINANCIAL MANAGEMENT

The College met its recurrent expenditure through government and university capitation, income generating activities, research grants and donations. The funds were managed as per University financial regulations and other statutory requirements.

##### Income generated in 2011/2012

	EXPECTED	ACTUAL
<b>SOURCE</b>		
<b>FEES</b>	741,000,000.00	825,000,000.00
<b>RESEARCH GRANTS</b>	1,099,000,000.00	1,330,000,000.00
<b>IGA</b>	148,000,000.00	153,800,000.00
<b>TOTAL</b>	<b>1,988,000,000.00</b>	<b>2,308,800,000.00</b>

#### 5. ACADEMIC PROGRAMMES

The undergraduate programmes offered include: Bachelor of Medicine and Bachelor of Surgery (MBChB), Bachelor of Dental Surgery (BDS), Bachelor of Pharmacy (BPharm), Bachelor of Science in Nursing (BScN) and Bachelor of Science (BSc) degrees in Biochemistry, Physiology, Human Anatomy and Medical Laboratory and Technology. Postgraduate programmes offered include Diplomas, MSc, MMed, MDS, MPharm, MD and PhD in all relevant fields.

##### i. Curricula Reviewed<sup>4</sup>

During year 2012, the College reviewed the following 11 curricula;

1. Bachelor of Medicine and Bachelor of Surgery (MBChB)
2. Bachelor of Dental Surgery (BDS)
3. Bachelor of Pharmacy (BPharm)
4. Bachelor of Science in Nursing (BSc.N)
5. Bachelor of Science in Biochemistry (BSc. Biochemistry)
6. Regulations and Syllabus for the Degree of Master of Medicine in Paediatric Surgery.
7. Regulations and Syllabus for the Degree of Master of Medicine in Plastic and Reconstructive Surgery.
8. Regulations and Syllabus for the Degree of Master of Medicine in Anaesthesia
9. Regulations and Syllabus for the Degree of Master of Medicine in Anaesthesia Fellowship
10. Regulations and Syllabus for the Degree of Master of Medicine in Thoracic and Cardiovascular Surgery

**ii. Curricula Developed and Benchmarked**

During year 2012, the College developed and benchmarked one curriculum namely Master of Science in Leadership and Health Systems Management (MSc. LHSM) to be offered by the School of Public Health.

**6. STUDENTS ADMISSION**

Admission into the College depended on being selected into the University by the Joint Admission Board and the Senate which was determined by availability of places within the programmes offered.

**Student enrolment in 2012**

<b>STUDENT ENROLMENT PER PROGRAM</b>			
<b>Programs</b>	<b>Year 1</b>		
	<b>Female</b>	<b>Male</b>	<b>Total</b>
<b>Undergraduates</b>			
Bachelor of Medicine and Bachelor of Surgery (MChB)	205	254	459
Bachelor of Dental Surgery (BDS)	23	20	43
BSc. Nursing	67	46	113
BSc Upgrading (E-Learning)	75	15	90
BSc Upgrading (Residential)	11	3	14
BSc. Biochemistry	22	30	52
Bachelor of Pharmacy	62	45	107
BSc. Medical Laboratory Sciences Technology	11	15	26
BSc Intercalated) Medical Physiology	-	-	-
BSc Intercalated (Human Anatomy)	-	-	-
<b>Totals</b>			<b>904</b>
<b>Diplomas</b>			
Higher Diploma in Diagnostic Medical Ultrasound	2	2	4
<b>Totals</b>	<b>2</b>	<b>2</b>	<b>4</b>
<b>Masters</b>			
MMed Psychiatry	1	3	4
MMed Anaesthesia	5	2	7
MMed Ear Nose and Throat	4	6	10
MMed Neurosurgery	0	1	1
MMed General Surgery	3	9	12
MMed Radiology	7	5	12
MMed Paediatrics	21	9	30
MMed Orthopaedics	0	8	8
MMed Obstetrics and Gynaecology	8	16	24
MMed Internal Medicine	11	13	24
MMed Ophthalmology	6	3	9
MMed Pathology	0	1	1
MSc Cytology	1	2	3
MSc Biochemistry	6	1	7
MSc. Tropical and Infectious Diseases	4	3	7
MSc Medical Statistics	2	3	5
MSc Human Anatomy	0	0	0
MSc. Medical Microbiology	3	4	7
MSc Pharmacognosy	0	0	0
MSc Molecular Pharmacology	0	0	0
MSc Clinical Psychology	14	3	17
MSc Physiology	0	3	3
MSc. Nursing	12	4	16
MSc Pharmacognosy and Complimentary Medicine	0	0	0
Master of Public Health	22	9	31
MDS Periodontology	1	1	2
MDS Paediatrics Dentistry	1	0	1
MDS Prosthodontics	1	1	2
MDS Oral Maxillo-Facial Surgery	0	2	2
MPharm Industrial Pharmacy	1	3	4
MPharm Clinical Pharmacy	4	7	11
MPharm Pharmacovigilance and Pharmacoepidemiology	5	6	11
MPharm Pharmaceutical Analysis	1	2	3
<b>TOTAL</b>			<b>274</b>

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<b>PhDs/MDs</b>			
<b>Dental Sciences (Periodontology &amp; OMFS)</b>	1	1	2
<b>Nursing Sciences</b>	4	0	4
<b>Medicine</b>	0	0	0
Paediatrics and Child Health	0	1	1
Human Pathology	0	0	0
Psychiatry	0	0	0
General Surgery	0	0	0
Medical Physiology	0	0	0
Human Anatomy	0	1	1
Biochemistry	1	0	1
Medical microbiology	3	3	6
<b>Pharmacy</b>	0	0	00
Pharmaceutical Chemistry	0	0	0
Clinical Pharmacy	0	0	0
Industrial Pharmacy	0	0	0
Pharmaceutics	0	1	1
Pharmacology and Therapeutics	0	0	0
Pharmacognosy and Complimentary Medicines	0	0	0
Pharmacology and Toxicology	0	0	0
<b>Public Health</b>	1	2	3
<b>UNITID</b>	1	2	3
<b>Total</b>	<b>11</b>	<b>10</b>	<b>22</b>
<b>Postgraduate Diplomas/Fellowship</b>			
Post Graduate Diploma in Research Methodology	3	5	8
UNITID Fellowships- 2 <sup>nd</sup> and 3 <sup>rd</sup> Cohorts	0	0	0
<b>Total</b>	<b>3</b>	<b>5</b>	<b>8</b>
<b>Grand Total</b>			<b>1212</b>

## 7. PARTNERSHIPS AND LINKAGES

The College developed the following 28 Partnerships and Linkages: -

1. Medical Science for Health, Kenya
2. University of the Witwatersrand, Johannesburg
3. Kenya Red Cross Society
4. University of Copenhagen;
5. University of Maryland, Baltimore.
6. University of Washington
7. Kenya Orthopaedic Association
8. Tianjin University of TCM
9. IFMSA (International Federation of Medical Students Associations)
10. City Council of Nairobi
11. South London Orthodontic Practitioners Society (SLOPS)
12. University of Eye Hospital, Munich (LMU). Agro-Germany eye net (AGENT)
13. University Center of EL- Tare, Algeria.
14. West Virginia University
15. Dalhousie University, Nova Scotia Canada
16. Salford University
17. Management and Science University MSU, Selangor DE Malaysia
18. Katholieke University
19. American University
20. University of Cape Town
21. Northeastern University, Boston, Massachusetts, 02056, USA
22. Africa Medical Research Foundation (AMREF)
23. East African College of Ophthalmologist (EACO)
24. Christoffel Blinden mission (CBM)
25. Jimma University, Ethiopia
26. LV Prasad Eye Institute
27. Universitat Munchen
28. Sight Savers international-Scholarship/ Outreach.

8. PUBLICATIONS

During the FY 2012, the College produced 297 publications as per the attached log:--

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	<b>AUTHOR(S)</b>	<b>ABSTRACT</b>	<b>JOURNAL</b>
9.	Jaoko W	Bacterial Vaginosos, HIV serostatus and T-cell subset distribution in Cohort of East African commercial sex workers: retrospective analysis.	AIDS; 26(3); 387-93.
10.	Anzala O	Identifying at-risk populations in Kenya and South Africa: HIV incidence in cohorts of men who report sex with men, sex workers, and youth. J Acquir Immune Defic Syndr. 2012 Feb 1; 59(2):185-93.	J Acquir immune defic syndr
11.	Omu Anzala, Elizabeth Ngugi	Identifying At-Risk Populations in Kenya and South Africa: HIV INCIDENCE IN Cohorts of men who report sex with men sex workers and youth,	<a href="http://www.jaids.com">www.jaids.com</a> Volume 59
12.	M. Thuita	Mechanisms and effect of access to microfinance credit by informal sector women entrepreneurs on child care, health practices and food consumption patterns in urban low income areas in Nairobi, Kenya	Dissertation
13.	McGrath CJ, Nduati R, Ricahrdsen BA, Kristal AR, Mbori-Nacha D, Farquhar C, JOHN-Stewart GC.	The Prevalence of stunting is high in HIV-1 exposed uninfected infants in Kenya..	J Nutr. 2012 Apr; 142 (4):757-63. Epub
14.	Elizabeth Dimba	Retinoblastoma.	<a href="http://www.thelancet.com">www.thelancet.com</a> Dol: 10.1016/S0140-6736(11)61137-9. 12 <sup>th</sup>
15.	Carroli G, Zahida Qureshi	Active management of the third stage of labour with and without controlled cord traction: a randomized, controlled, non-inferiority trial.	<a href="http://www.thelancet.com">www.thelancet.com</a> Published online 10.1016/S0140-6736(12)60206-2
16.	Anzala O,	Developing standards of care for HIV prevention research in developing countries- a case study of 10 research centres in Eastern and Southern Africa	[Epub ahead of print] AIDS Care
17.	Jaoko W	Cellular Immune response and susceptibility to HIV-1 superinfection: a case-control study. 13;	AIDS. 26(5):643-6.
18.	Drake A. L., Rixby A. C., Kiarie J., Richardson B. A., Wald A., John-Stewart G., Farguhar C;	Preventing unintended pregnancy among young women in Kenya: prospective cohort study to offer contraceptive implants	Pubmed
19.	Kiarie J.	Infant safety during and after maternal valacylovir therapy in conjunction with antiretroviral HIV-1 prophylaxis in a randomized clinical trial.	Pubmed
20.	Kiarie J	The post trial effect of oral periodic presumptive treatment for vaginal infections on the incidence of bacterial vaginosis and lactobacillus colonization	
21.	Kiarie J	Incidence and correlates of HIV-1 RNA detection in the breast milk of women receiving HAART for the prevention of HIV-1 transmission.	Pubmed
22.	Kariuki HN	Antinocetive activity of the root extracts of <i>Rhus natalensis</i> Kraus and <i>Senna Singueana</i>	Phytopharmacology. 2012, 2(2) 312-317.

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23.	Pulei A, Obimbo M, Ongeti K et al.	Surgical significance of brachial arterial variants in a Kenyan population.	Ann Afr Surg 2012; 9: 32-36.
24.	Magoma G, Saidi H, Kaisha WO	Origin of the carotid arteries in a Kenyan population.	Ann Afr Surg 2012; 9: 64-65
25.	Naiso NA, Saidi H,	Effects of delayed treatment on perforated peptic ulcers at Kenyatta national hospital.	Ann Afr Surg 2012; 9:37-41.
26.	Ongeti K, Pulei A,	Mandela P et al. Periduodenal tuberculosis masquerading as annular pancreas.	Ann Afr Surg 2012; 9:64-65.
27.	Benson Estambale, Elizabeth Ngugi Lawrence J. Gelmon, Joshua Kimani,	Effects of mobile phone short-message service (SMS) on Antiretroviral Treatment (ART) Adherence in Kenya: a randomized Trial	
28.	Duncan Matheka, Morris Kitua, Faraj OL. Alkarim	Peculiar glycemic patterns in alloxan-induced diabetes animal model	Afr.j.pharmacolo.the r/2012, vol 1 30-34
29.	Joshua Kimani, Elizabeth Ngugi et al.	HLA Class I associated with rates of HIV-1 Seroconversion and disease progression in the Pumwani Sex worker Cohort ,	Journal of Virology
30.	Jarabi B, Kamau V, Ngugi E, Inwani I	Translation of evidence-based ART adherence and positive prevention interventions: Formative work in Kenya,	
31.	Inwani I., Macharia P., Kamau V., Jarabi B., Ikamari L., Ngugi E.,	Tracking HIV patient experience through clinic mapping and time-motion data;	
32.	Macharia P., Kamau V., Jarabi B., Ikamari L., Ngugi E.,	Self administered HIV health provider Counseling training on PDAs: operational findings;	
33.	Inwani I., Macharia P., Kamau V., Ngugi E.,	Positive prevention of ART adherence counseling in HIV clinics: Are we (still not) talking?	
34.	Murila F, Obimbo MM, Musoke R	Assessment of Knowledge on neonatal resuscitation amongst health care providers in Kenya	Pan Afr Med J. 2012;11:78. Epub
35.	John-Stewart G, Nduati R,	Should women with HIV-1 infection breastfeed their infants? It depends on the setting.	Adv Exp Med Biol. 2012; 743:289-97.
36.			
37.	Were F,	The dengue situation in Africa.	Paediatr Int Child Health.; 32 Suppl 1:18-21.

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38.	Odhiambo A Rotich E.C, Chindia M.L, Macigo F.G, Ndavi M, Were F.	Craniofacial anomalies amongst births at two hospitals in Nairobi, Kenya	. Int J Oral Maxillofac Surg. 2012 May; 41 (5): 596-603. Epub
39.	Were F.H, Kamu G.N, Shiundu P.M, Wafula G.A, Moturi C.M.	Air and blood lead levels in lead acid battery recycling and manufacturing plants in Kenya.	J Occup Environ Hyg. 2012; 9(5):340-4.
40.	Wamalwa D, Benki- Nugent S, Langat A, Tapia K, Ngugi E, Slyker J.A, Richardson B.A, and John-Stewart G.C.	Survival Benefit of Early Infant Antiretroviral Therapy is compromised when Diagnosis is delayed.	Pediatr Infect Dis J. [Epub ahead of print]
41.	Korir G.K, Ochieng B.O, Wambani J.S, Korir IK, Jowi C.Y,	Radiation Exposure in interventional procedure.	Radiat Prot Dosimetry. [Epub ahead of print]
42.	Alkizim F, Matheka D Fatma Khalid, Anne Mureithi;	Inhibitory effect of <i>Mangifera indica</i> on gastrointestinal motility.	J Medicinal chemistry and Drug discovery, 2(1) 9-16.
43.	Alkizim F, Matheka D	Glucose Lowering effects of <i>Momordica charantia</i> in diabetic rats.	Molecular and clinical pharmacology, 2(1) 20-27
44.	Deacon R.M.J, Dulu T.D, Patel N.B,	Naked mole-rats: Behavioural phenotyping and comparison with C57BL/6 mice.	J. Behavioural Brain Research 231) 193-200
45.	Alkizim F, Matheka D, Kitua M.	Peculiar glyceimic patterns in alloxan-induced diabetes animal model MATHEKA ET.	Afr. J.pharmacol. Ther.:1(1): 30-34 Vol 1.
46.	Kariuki H.N, Mbugua P.M, Patel N.B,	Aninocieptive activity of the root extracts of <i>Rhus natalensis</i> Kraus and <i>senna singueana</i> .	Phytopharmacology, 2(2)12-317.2012
47.	Alkizim F, Matheka D, Dr. Wambugu	, Testicular Neoplasm presenting with recurrent intestinal obstruction: A case report.	Afromedic 2012 1(1): 57-60.
48.	Esther N. Matu, Peter G. Kirira, Elizabeth W. M. Kigundu, Enoch Moindi, Beatrice Amugune;	"Antimicrobial Activity of Organic Total Extracts of Three Kenyan Medicinal Plants"	African journal of Pharmacology and Therapeutics - Vol. I Pgs 14-18
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198.	Chirchir K. Dickson	Biological control of mosquitoes with entomopathogenic bacteria bacillus thuringiensis	Dissertation
199.	Rose Sifuna Nekesa	Alternative approaches to skin lightening	Dissertation
200.	Okoth Geroge Onyango	The role of micro RNAs in the immune response against hepatitis C virus	Dissertation
201.	Domnic Ouma	Tuberculosis chemotherapy: A study on current standard drugs and new drugs	Dissertation
202.	Kariuki Fridah Glelis Wambui	New diagnostic techniques used in detection of emerging and re-emerging infectious diseases	Dissertation
203.	Wambua Angeline Ndele	Management of Alcoholic liver disease	Dissertation
204.	Charlene Muchunu	The use of the vector Raav2-hRPE65 in the successful gene therapy of leber's congenital amaurosis	Dissertation
205.	Beatrice A. Ochieng'	A review on the use of some oncolytic virus in the treatment of cancer	Dissertation

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206.	Milka Isaac Kweyu	Early diagnosis of HIV in infants Born by HIV infected mothers in resource limiting settings using polymerase chain reaction	Dissertation
207.	Ibrahim Abninasir Farah	Denritic cell therapy as cancer vaccine	Dissertation
208.	Karanja Daneil Munuku	Screening for cellulolytic fungus and demonstration of the effect of pH on the activity of the cellulose enzymes,	Dissertation
209.	Mbeya Rose Judith	A review on the degradation of hydrogen peroxide in textile bleach waste waters by immobilized cells	Dissertation
210.	Kiptanui Fred K.	Real time PCR and quantitative PCR in the detection and quantification of enterococcus faecalis in monitoring microbial water quality	Dissertation
211.	Amy Ndanu Mumo	Aflatoxins poisoning and kwashiorkor in children	Dissertation
212.	Jorum Humphrey Obel	Use of recombinants human erythropoietin as a possible treatment against cerebral malaria	Dissertation
213.	Stephen Massetto Opiyo	A review of detection methods, epidemiology and incidence of prostate cancer	Dissertation
214.	Hasmita Bhudia	Cultivation of microalgae for lipid production and potential for biofuel	Dissertation
215.	Stanley Mwaniki Wanyoike	Chemical used in food and beverage preservation and their possible links to cancer susceptibility	Dissertation
216.	Kilimo Philip Kimutai	A review of typhoid fever diagnostics	Dissertation
217.	Hirani Avani Vinodju	A review on the relationship between helicobacter pylori and gastro-intestinal disease	Dissertation
218.	Kamolo E. (BDS): Supervisors: Mutave R. Wangari V.	Aetiology and Prevalence of Gingival Enlargement among Teenage students in two secondary Schools.	Dissertation
219.	Abdi.E. (BDS).Supervisors: Gathece L.W, Alumera H.	Knowledge and attitudes towards the dental profession among students attending two urban secondary schools in Nairobi.	Dissertation
220.	Gikonyo M. (BDS).Supervisors: Gathece L.W, Owino R.	Knowledge attitudes and perceptions towards the Dental profession among the Medical, Nursing and Pharmacy students at the University of Nairobi.	Dissertation

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221.	Halima S. (BDS).Supervisors: Gathece L.W, Ngatia E.	Dietary habits and caries experience among Medical, Pharmacy and Nursing students in the University of Nairobi, College of Health Sciences.	Dissertation
222.	Supervisors: Gathece L.W, Alumera H.	Patient satisfaction with periodontal treatment at the University of Nairobi Dental School Hospital. Hussein S. (BDS).	Dissertation
223.	Warui E. (BDS).Supervisors: Mua B.N, Macigo F.	Sources of finance for Dental treatment among patients attending University of Nairobi Dental Hospital.	Dissertation
224.	Gitonga D. (BDS).Supervisors: Gathece L.W, Owino R.	Levels, causes and effects of Dental anxiety on oral health seeking behavior among students attending two secondary schools in Nairobi.	Dissertation
225.	Mosomi M. (BDS).Supervisors: Macigo F.Matu N.K.	Knowledge of periodontal diseases and oral hygiene practices among pregnant women attending maternal and child health/family planning clinic at Kenyatta National Hospital.	Dissertation
226.	Nurein A. (BDS).Supervisors: Mua B.N, Odhiambo W.	A two year audit of soft tissue maxillofacial injuries among patients attended to at the University of Nairobi Dental Hospital in 2010 and 2011	Dissertation
227.	Siham M. (BDS).Supervisors: Macigo F.Wangari W.	Prevalence of gingivitis and oral hygiene practices among adolescent boys and girls in two high Schools in Nairobi.	Dissertation
228.	Supervisors: Njiru W, Mutave R.	Smoking and oral cavity: A smokers perspective.Munyi L.K. (BDS).	Dissertation
229.	Mwaniki E.(BDS).Supervisors:Mutave R.,Muli K.	Oral health awareness and practices among 11-13 year old children in three urban Schools of different socio-economic levels in Nairobi.	Dissertation
230.	Mwangi A. (BDS)Supervisors: Mutave R. Njiru W.	Dental waste management and risk perceptions among oral healthcare workers in Nairobi.	Dissertation
231.	Mbugua F. (BDS).Supervisors: Mua. B. Dimba E.	Knowledge and detection practices of oral cancer by final year undergraduate medical, nursing and Dental students of the University of Nairobi.	Dissertation
232.	Oyugi B. (BDS).Supervisors: Macigo F. Dimba E.	Pattern of occurrence of ameloblastoma among patients treated at the University of Nairobi Dental Hospital over a five year period (2007-2011)	Dissertation
233.	Kimutai B. (BDS).Supervisors: Mutave R. Kihara E.	Audit of imaging request forms at the University of Nairobi Dental Hospital.	Dissertation
234.	Moturi B. (BDS).Supervisors: Macigo F. Dimba E.	Tobacco smoking, alcohol consumption and Khat chewing practices among patients diagnosed with oral cancer at the University of Nairobi Dental Hospital.	Dissertation
235.	Mbaka F. (BDS).Supervisors: Gathece L.W. Wakoli K.	Knowledge, attitude and traditional health practices among students and staff of two secondary schools in Meru.	Dissertation

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236.	Murungi D. (BDS).Supervisors: Mutave R. Osiro O.	Patient's knowledge and satisfaction with aesthetic dental procedures and restorations done at the Conservation clinic of University of Nairobi Dental Hospital.	Dissertation
237.	Supervisors: Gathece L.W Simila H.	Knowledge, attitude and practice of tooth whitening methods among patients visiting UoN Dental Hospital.Mugo.M. (BDS).	Dissertation
238.	Supervisors:Mua B.N,Muasya B.N	Oral health awareness and oral hygiene practices among children aged 6-7 years in 3 urban Schools in Mombasa,Kenya.Omar Y.(BDS).	Dissertation
239.	Momanyi G. (BDS).Supervisors: Macigo F.G. Dimba E.	Cigarette smoking, alcohol consumption and khat chewing practices among first year students of the University of Nairobi.	Dissertation
240.	Okonda G. (BDS).Supervisors: Mua B.N, Wetende A.	Knowledge, attitude and practice towards the use of mouthwashes among Nursing students at the University of Nairobi.	Dissertation
241.	Makokha R. (BDS).Supervisors: Mua BN. Wangari V.	Gingival recession and oral hygiene status among patients at the Periodontology clinic of the University of Nairobi Dental Hospital.	Dissertation
242.	Maaria Y. (BDS).Supervisors: Simila O. Macigo F.G.	Oral hygiene practices and caries experience among high and low Dental fear patients seeking treatment at the UoN Dental Hospital.	Dissertation
243.	Munyao A. (BDS).Supervisors: Macigo F.G Dimba E.	Pattern of occurrence of odontogenic cysts among patients seen at the University of Nairobi Dental Hospital over a period of five years (2006-2010).	Dissertation
244.	Nuru T. (BDS).Supervisors: Mua B.N, Odhiambo W.	Pattern of impaction of third molars among patients who visited the University of Nairobi's Oral diagnostic clinic from 2010-2012.	Dissertation
245.	Mwonga C. (BDS).Supervisors: Mutave R. Olivia O.	Dietary habits and caries experience among first year female students at the University of Nairobi	Dissertation
246.	Njuguna J. (BDS).Supervisors: Mua BN. Njiru W.	Temporomandibular joint disorders among patients with arthritis receiving treatment at Kenyatta National Hospital.	Dissertation
247.	Wanjiru W. (BDS).Supervisors: Mua B.N, Akrama M.	Risk factors of alveolar osteitis among patients who visited University of Nairobi Dental School between 2008-2012.	Dissertation
248.	Kipturu K. (BDS).Supervisors: Mua B.N. Awange D.	Knowledge and attitude of bachelor of Dental Surgery clinical year students about medical emergencies at the University of Nairobi Dental Hospital	Dissertation
249.	Ngumo N(BDS).Supervisors:Mutave R. Mulli T.	Knowledge, attitude and practices of tongue cleaning among patients attending the University of Nairobi Dental Hospital	Dissertation
250.	Seremala I. (BDS).Supervisors: Gathece L.W Mulli T.	Knowledge motivation, problems and attitude of Dental students towards their undergraduate research projects.	Dissertation

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251.	Wangui K. (BDS).Supervisors: Mutave R. Alumera H.	Management of Periodontal –endodontic lesions by dentists in Nairobi.	Dissertation
252.	Ochwati L. (BDS).Supervisors: Gathece L.W Opinya G.	Level of knowledge, attitudes and practices in the use of unconventional dental remedies for the management of fluorosis among 10 to 15 year-olds attending a primary School in Kiambu County.	Dissertation
253.	Malit A. (BDS). Supervisors: Gathece L.W Dienya T.	Knowledge, attitude and preference of dental implants among dental patients in Nairobi.	Dissertation
254.	Mutunga Catherine Syombua	A Nursing Intervention Model For The Care of Psychoactive Substances Depended Patients in Nairobi	Dissertation
255.	Musee, Christine Mwikali	Adherence of Health Care Practitioners to the Adolescent Reproductive Health and Development Policy at the Garissa Provincial General Hospital, Kenya –	Dissertation
256.	Ndura Elizabeth Wambui	Breast Self Examination Practice for Early Detection of Breast Cancer Among Women of Reproductive Age Seeking Family Planning Services at Mbagathi District Hospital	Dissertation
257.	Shawa Elwin	Patients Regarding Nursing Care in the General Surgical Wards at Kenyatta National Hospital	Dissertation
258.	Ngalonde Mercy	Factors Associated With Falls Among in Patient in Medical and Surgical Wards at Kenyatta National Hospital, Kenya	Dissertation
259.	Kamotho W. Hellen	Practices of Nurses in Management of Pain Among Critically Ill Non-Verbal Adult Patients in the Critical Care Unit, Kenyatta National Hospital – October 2012	Dissertation
260.	Mweu Judith Mutindi	Factors Influencing Injection Safety Among Clinical Health Care Personnel in Garissa Provincial General Hospital	Dissertation
261.	Iln Wiysanyuy	Factors Determining Ante Natal Health Seeking Behaviour of Adolescent Mothers at the Ante Natal Clinic in Naivasha - October, 2012	Dissertation
262.	Impwii Koome Domisiano	Feasibility of Task Shifting in Nursing Practice: A case Study of Two Level Five Public Hospitals in Kenya	Dissertation
263.	Kwalimwa John Alumasa	Barriers to Access of Quality Renal Replacement Therapy in end-Stage Renal Disease Patients at Kenyatta National Hospital	Dissertation
264.	Mutinda Jostine N.	Ethical Dilemmas Experienced by Nurses Working in Critical Care Units in Kenyatta National Hospital	Dissertation
265.	Malachi Zillah Moraa	Postpartum Mothers' Perception on Quality of Intra-Partum Care in Naivasha District Hospital Labour Ward	Dissertation

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266.	Mangare Nyatichi Linet	Factors influencing use of the Nursing Process in Naivasha District Hospital.	Dissertation
267.	Prof. Joseph Wang'ombe & Prof. Violet Kimani, Supervised Francisca M. Mwangangi,	Uptake of Private Health Insurance among Registered Employers in Nairobi, Kenya.	Dissertation
268.	Prof. Joseph Wang'ombe & Ms. Faith Thuita, Supervised Nema M. Aluku	Factors Influencing Retention of Health Workers in Primary Health Care Facilities, Kakamega County, Kenya.	Dissertation
269.	Dr. Peter Njoroge & Ms. Mary Kinoti, Supervised Dr. Esther Njuguna	Prevalence and Risk Factors of Previous or Active Hepatitis B Infection among HIV-1 Discordant Heterosexual Couples".	Dissertation
270.	Prof. Joyce Olenja & Ms. Rose Opiyo, Supervised Sammy Osore Omukhweso, in Kenya.	Nutritional Status and its Determinants among Children Aged 1-59 Months Accompanying Their Mothers in Prisons	Dissertation
271.	Dr. Tom Olewe & Dr. Richard Ayah, Supervised Dr. Abuya O. Norbert,	Factors Contributing to Adverse Outcomes of Pre-Eclampsia among Pregnant Women Attending Ante-natal Clinics in Kibera Slums, Nairobi".	Dissertation
272.	Ms. Rose Opiyo & Dr. Richard Ayah, Supervised Cecilia Abinya,	Prevalence of Malnutrition and Related Factors among Children Aged 6-60 Months Admitted at Siaya District Hospital Paediatric Wards".	Dissertation
273.	Prof. Elisha Muchunga & Dr. Dismas Ongore, supervised Dr. Curtis Githinji Marubu,	Knowledge, Attitudes and Practices of Somalia Nationals who have Migrated to Nairobi with Respect to Tuberculosis Transmission, Prevention and Control".	Dissertation
274.	Dr. Dismas Ongore & Ms. Mary Kinoti, supervised Dr. Philip Mwendo Muthoka	Knowledge, Attitudes and Management Practices on Viral Influenza Infections among Students and Teachers in Secondary Schools, Nairobi West Districts, Kenya".	Dissertation
275.	Mr. Lambert Nyabola & Prof. Mutuku Mwanthi, supervised Dr. Brenda Makokha	Prevalence of Occupational Exposure to Selected Blood-Borne Diseases and Utilisation of Post exposure Prophylaxis among Workers in Two Hospitals in Kenya".	Dissertation
276.	Mr. Lambert Nyabola & Dr. Peter Njoroge, supervised Dr. Francis K. Kiio	Determinants of the Immunization Dropout Status among children aged 12-23 Months Seeking Health Care Services in Narok North District, Kenya".	Dissertation
277.	Dr. Richard Ayah & Dr. Tom Olewe, supervised Kellen Joyce Karimi	Adherence to the Provisions of the Tobacco Control Act, 2007 by Liquor Licensed Bars and Restaurants in Nairobi, Kenya	Dissertation
278.	Ms. Mary Kinoti	"Incidence of Non-fatal Injuries and Associated Occupational Risk Factors while Controlling for Socio-demographics: A Population Study, South Africa" During the 5th Annual Scientific Conference, KNH,	Dissertation
279.	Irene Nthemba Mutuku.	Effectiveness of insecticide treated nets in reducing malaria morbidity among school going children in Kenya:	Dissertation
280.	Julia Wanjiru Muthua.	A case study on the prevalence and clinical presentation of rotavirus diarrhoea in children less than five years admitted in the paediatric ward in Embu Provincial Hospital;	Dissertation



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281.	Linda A. Akach.	Statistical Methods for analyzing complex survey data: an analysis of ITN and IPr usage in Kenya;	Dissertation
282.	Peter Kiprurui Yegon.	Predictors of early mortality in HIV infected patients starting 1st line art;	Dissertation
283.	Dr. Hellen W. Kiarie.	Risk factors for adverse events to HAART- a comparison of poisson and negative binomial regression models for count data;	Dissertation
284.	Joseph Mutinda Muendo.	Serum cryptococcal antigen levels in HIV infected patients asymptomatic of meningitis in two hospitals in Nairobi Kenya	Dissertation
285.	Dr. Lilian Nkirote Njagi.	Antimicrobial susceptibility patterns of bacterial isolates from urine samples amongst paediatric patients as seen on routine urine bench in bacteriology lab in a private sector city hospital- a retrospective study;	Dissertation
286.	Samuel Kaberere Njenga.	Bacterial enteropathogens in adult acute diarrhoea- a retrospective survey at the Kenyatta National Hospital;	Dissertation
287.	Dr. Evelyn N. Ndunge	Determinants of adherence to postnatal PMTCT program among HIV+ mothers in KNH	Dissertation
288.	Jackyne Ashubwe-Jalemba.	Prevalence of astroviruses in children under five years with acute diarrhoea at KNH	Dissertation
289.	Dr. Benard Mokaya Nyakundi	Assessment of laboratory diagnostic tests and antimicrobial treatment of typhoid at the university of Nairobi Health Services	Dissertation
290.	Ochanda Philip Giddings Odhiambo.	Monocyte immune activation and HIV/AIDS disease progression among patients co infected with TB/HIV;	Dissertation
291.	Zipporah Bosibori Madhuki.	In vitro profiling of mycobacterium tuberculosis region of difference 1 antigen induced cytokine chemokines production among patients with active pulmonary tuberculosis and latent tuberculosis;	Dissertation
292.	Dr. Eric Munene Muriuki.	Appraisal of HIV post exposure prophylaxis program amongst sexual assault victims at KNH;	Dissertation
293.	Walter Otieno, Benson B.A Estambale, Joash R. Aluoch, Stacey M.O Gondi and Jose A. Stoute.	Association between sickle cell trait and low density parasitaemia in a P. Falciparum malaria holoendemic region of western Kenya;	
294.	Walter Otieno, Benson BA Estambale, Michael M. Odera, Joash R. Aluoch and Jose A. Stoute.	Red blood cell immune complex binding capacity in children with sickle cell malaria holoendemic region of western Kenya;	
295.	E. N. Ngugi, E Roth, Theresa Mastin, M G Nderitu Seema Yasmin,	Female Sex Workers in Africa: Epidemiology overview, data gaps, ways forward:	Sahara-I, Journal of social aspects of HIV/AIDS: an open access

			journal,
296.	E Ngugi.	Systematic review examining differences in HIV, sexually transmitted infections and health-related harms between migrants and non-migrant female sex workers	
297.	Ms. Faith Thuita,	"Mechanisms and Effect of Access to Microfinance credit by Informal Sector Women Entrepreneurs in Child Care, Health Practices and Food Consumption Patterns in Urban Low Income Areas in Nairobi, Kenya"	Phd Thesis

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**Recommendation 1–9. CONFERENCES HOSTED BY THE COLLEGE**

In 2012 the College organized the following five (5) Scientific/Academic conferences to share experiences as part of continued effort towards academic excellence, research results dissemination, sharing, and networking.

1. HIV/AIDS Symposium, The role of training and research in health service delivery, lessons learnt from the HIV epidemic, on June 14-15 2012 at the College of Health Sciences
2. Synthes Trauma Course between 8th-10th August 2012 in UNIMARS Lecture Hall
3. Bioethics Training Workshop, 10-14 September 2012, Department of Paediatrics and Child Health, Acts Lecture Theatre, CHS
4. Multidisciplinary ART HIV consolidation workshop, PACE Project, October 6, 2012.
5. KNH/UON 5<sup>th</sup> Annual Scientific Conference, 18-19/10/2012, Lecture Theatre III, CHS

**9-10. STAFF ATTENDING CONFERENCES AND OTHER ACADEMIC FORA**

The following College staff attended conferences and other academic fora as follows;

STAFF	CONFERENCE ATTENDED	LOCATION	PERIOD
1. Ating'a J.E.O	2012 Annual meeting of the Orthopaedic Research Society	San Francisco, California	3 <sup>rd</sup> -14 <sup>th</sup> February 2012
2. Marco S	World Ophthalmology Congress	Abu Dhabi, UAE	16 <sup>th</sup> -20 <sup>th</sup> February 2012
3. Kariuki M. M.	International Congress for Prevention of Blindness in Developing Countries	Fairmont Al Bahr, Dubai	13 <sup>th</sup> February 2012
4. Lule G.N.	Visiting Professor University of Texas Medical Branch	Texas, USA	10 <sup>th</sup> -19 <sup>th</sup> February 2012
5. Lule G.N.	Institute of Human Virology, Baltimore Maryland and discuss plan future collaborations between University of Maryland and University of Nairobi	Baltimore Maryland	27 <sup>th</sup> March -1 <sup>st</sup> April 2012
6. Achieng L.	Guest Lecturer at the University of Texas Medical Branch (UTBM) Division of Infectious diseases.	University of Texas Medical Branch	20 <sup>th</sup> Feb – 9 <sup>th</sup> March 2012
7. Mecha J.	19 <sup>th</sup> Conference on Retroviruses and opportunistic infections	Seattle Washington USA	5 <sup>th</sup> -9 <sup>th</sup> March 2012
8. Mecha J.	Institute of Human Virology, Baltimore Maryland and discuss plan future collaborations between University of Maryland and University of Nairobi	University of Maryland, School of Medicine, Baltimore	27 <sup>th</sup> March -4 <sup>th</sup> April 2012
9. Ogutu E.O.	Conference on Advances in Hepato Biliary Pancreatic Endoscopy	Hyderabad, India	23 <sup>rd</sup> Feb – 9 <sup>th</sup> March 2012
10. Ogola E.N.	Conference on Heart Diseases	Dar es Salaam, Tanzania	10 <sup>th</sup> -13 <sup>th</sup> January 2012
11. Amayo E.O.	Institute of Human Virology, Baltimore Maryland and discuss plan future collaborations between University of Maryland and University of Nairobi	University of Maryland, School of Medicine, Baltimore	27 <sup>th</sup> March – 3 <sup>rd</sup> April 2012
12. Munyao T.M.	Institute of Human Virology,	University of Maryland, School of Medicine,	27 <sup>th</sup> March – 2 <sup>nd</sup>

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		Baltimore Maryland and discuss plan future collaborations between University of Maryland and University of Nairobi	Baltimore	April 2012
13.	Ogendo SWO	Stop RHD ASAP Network and IMPI Investigator's and Coordinators' Workshop	Cape Town, South Africa	9 <sup>th</sup> -12 <sup>th</sup> February 2012
14.	Ngugi M	Men's Health Stand-Alone Symposium	Hanburg, Germany	8 <sup>th</sup> -10 <sup>th</sup> March 2012
15.	Kyambi J	9 <sup>th</sup> PAPSA Biennial Conference 2012	Cape Town, South Africa	17 <sup>th</sup> -23 <sup>rd</sup> March 2012
16.	Jani P.G.	3 <sup>rd</sup> Sudanese Society of Gastroenterology and 3 <sup>rd</sup> International Digestive Cancer Alliance in Africa and Middle East Conference	Khartoum, Sudan	11 <sup>th</sup> -13 <sup>th</sup> February 2012
17.	Ngumi Z.	World Anaesthesia Congress	Buenos Aires, Argentina	25 <sup>th</sup> – 30 <sup>th</sup> March 2012
18.	Githaiga J.W	Observership in pre and post liver transplant management and gastro surgery	New Delhi India	4 <sup>th</sup> -17 <sup>th</sup> February 2012
19.	Olang' P.R.	15 <sup>th</sup> WFSA World Congress of Anesthesiologists	Buenos Aries, Argentina	25 <sup>th</sup> -30 <sup>th</sup> March 2012
20.	Mwangi C.M.	South Africa Society of Anesthesiologists Annual Congress	Cape Town, South Africa	18 <sup>th</sup> -22 <sup>nd</sup> February 2012
21.	Chokwe T.M.	15 <sup>th</sup> WFSA World Congress of Anesthesiologists	Buenos Aries, Argentina	25 <sup>th</sup> -30 <sup>th</sup> March 2012
22.	Osawa F.	XXIII rd Annual meeting of the ESPU	Zurich, Switzerland	9 <sup>th</sup> -12 <sup>th</sup> May 2012
23.	Osawa F.	9 <sup>th</sup> Panafrican Paediatric Surgical Association biennial Conference	Cape Town, South Africa	18 <sup>th</sup> -21 <sup>st</sup> March 2012
24.	Mulaa F.	EU meeting on APPROPOS and research project	Potsdam German	8 <sup>th</sup> -10 <sup>th</sup> February 2012
25.	Abubakar L	Vector genomics and arthropod-borne disease in Africa	Sentinel South Africa	29 <sup>th</sup> Jan- 1 <sup>st</sup> Feb 2012
26.	Mbaya V.	memorial tree planting ceremony in honor of Professor Wangari Maathai	Morningside Park New York U.S.A	30 <sup>th</sup> March, 2012
27.	Waiboci L.	Regional Universities forum for Carpentry Building in Agriculture (RUFORUM) Technical Committee approved Dr. Waiboci's research proposal for funding	Kampala, Uganda	6 <sup>th</sup> Feb 2012
28.	Nguu E.	Workshop on Biotechnology and communication	Lilongwe, Malawi	25 <sup>th</sup> -30 <sup>th</sup> March 2012
29.	Jaoko W.	The regional universities forum for capacity building in Agriculture, (RUFORUM) Workshop	Entebbe, Uganda	20 <sup>th</sup> -23 <sup>rd</sup> Jan 2012
30.	Jaoko W.	Workshop for western Kenya Medical Training Colleges	Kakamega	7 <sup>th</sup> Feb 2012
31.	Jaoko W.	The PedVacc conference	Barcelone, Spain	23 <sup>rd</sup> -24 <sup>th</sup> Feb 2012
32.	Jaoko W.	Investigators meeting	Johannesburg, South Africa	27 <sup>th</sup> -31 <sup>st</sup> March 2012
33.	Jaoko W.	Mildmay International meeting	London UK.	7 <sup>th</sup> -10 <sup>th</sup> March 2012
34.	Omolo M.J.	TB Collaborative project training at the University of	Manitoba, Canada	10 <sup>th</sup> -25 <sup>th</sup> March 2012

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		Manitoba and the National Microbiology Laboratory in Winnipeg		
35.	Kariuki H.N.	Short Course in Palliative care; making a difference internationally	Edinburgh UK.	20 <sup>th</sup> -27 <sup>th</sup> February 2012
36.	Saidi H.	12 <sup>th</sup> Annual scientific conference of the surgical society of Kenya. 22 <sup>nd</sup> -27 <sup>th</sup> March, 2012	Kisumu, Kenya	22 <sup>nd</sup> -27 <sup>th</sup> March 2012
37.	Ndungu B.M.	12 <sup>th</sup> Annual scientific conference of the surgical society of Kenya	Kisumu, Kenya	22 <sup>nd</sup> -27 <sup>th</sup> March 2012
38.	Odula P.	12 <sup>th</sup> Annual scientific conference of the surgical society of Kenya	Kisumu, Kenya	22 <sup>nd</sup> -27 <sup>th</sup> March 2012
39.	Awori	12 <sup>th</sup> Annual scientific conference of the surgical society of Kenya	Kisumu, Kenya	22 <sup>nd</sup> -27 <sup>th</sup> March 2012
40.	Olabu B.	12 <sup>th</sup> Annual scientific conference of the surgical society of Kenya	Kisumu, Kenya	22 <sup>nd</sup> -27 <sup>th</sup> March 2012
41.	Dr. David Gitonga	Principles of HIV Research workshop	Nairobi	16 <sup>th</sup> – 20 <sup>th</sup> January 2012
42.	Dr. Bururia	Research and Grant Proposal writing	UNES, Nairobi	6 <sup>th</sup> February 2012
43.	Dr. Amugune	Research and Grant Proposal writing	UNES, Nairobi	6 <sup>th</sup> February, 2012
44.	Dr. Mulaku	Research and Grant Proposal writing	UNES, Nairobi	6 <sup>th</sup> February 2012
45.	Dr. Mukungu	Research and Grant Proposal writing	UNES, Nairobi	6 <sup>th</sup> February 2012
46.	Dr. ShitalMaru	Research and Grant Proposal writing	UNES, Nairobi	6 <sup>th</sup> February 2012
47.	Dr. Shital	Third Writers/Reviewers Workshop	Kenya School of Law	26 <sup>th</sup> – 30 <sup>th</sup> March, 2012
48.	Dr. Opanga	Third Writers/Reviewers Workshop	Kenya School of Law	26 <sup>th</sup> – 30 <sup>th</sup> March, 2012
49.	Dr. Okaru	Third Writers/Reviewers Workshop	Kenya School of Law	26 <sup>th</sup> – 30 <sup>th</sup> March, 2012
50.	Dr. Amugune	Workshop to Review Bachelor of Pharmacy Curriculum	Morendat Training Centre	22 <sup>nd</sup> – 27 <sup>th</sup> January, 2012
51.	Dr. Abuga	Workshop to Review Bachelor of Pharmacy Curriculum	Morendat Training Centre	22 <sup>nd</sup> – 27 <sup>th</sup> January, 2012
52.	Dr. Okalebo	A keystone symposium	Canada	26 <sup>th</sup> – 30 <sup>th</sup> March, 2012
53.	Dr. K. A. Sinei	Workshop to finalize the proposed KMTc/UON Curriculum	Egerton Agricultural Resource Center	19 <sup>th</sup> – 22 <sup>nd</sup> March, 2012
54.	Dr. Marjorie Muasya	workshop on Principles of HIV research	Nairobi Kenya	16 <sup>th</sup> -20 <sup>th</sup> January 2012
55.	Dr. Nelson Matu	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
56.	Dr. F. Macigo	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
57.	Dr. R. Mutave	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
58.	Dr. H. O Simila	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
59.	Dr. Kassim Alasow	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
60.	Prof. L. W Gathece	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012

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61.	Dr.David Awange	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
62.	Dr.F.Otieno	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
63.	Jane Mpuhia	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
64.	Godfrey Makhanu	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
65.	Charles Akuru	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
66.	Josiah Gichana	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
67.	Dr.Walter Odhiambo	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
68.	Weru Macharia	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
69.	Daniel Owuor	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
70.	Prof.E.G Wagaiyu	An E-Learning launch in the School of Dental Sciences	attended lecture theatre III	20 <sup>th</sup> January 2012
71.	Dr.B.I Omondi	International Symposium and Workshops on 'Implantology for the compromised patient	Netherlands	1 <sup>st</sup> - 4 <sup>th</sup> February 2012
72.	Prof.E.G Wagaiyu	Sensitization Training on Anti-Plagiarism	School of Computing and Informatics	9 <sup>th</sup> February 2012
73.	Dr.Mary Masiga	Joint Conference of Kenya Dental Association and AOG	Safari Park Hotel, Nairobi, Kenya	14 <sup>th</sup> February 2012
74.	Dr.B.K.Kisumbi	The third writers workshop	Kenya School of Law	26 <sup>th</sup> - 30 <sup>th</sup> March 2012
75.	Dr.S.Maina	A Live.Learn.Laugh Phade two global workshop	Isatanbul,Turkey	13 <sup>th</sup> - 15 <sup>th</sup> February 2012
76.	Dr. F. Otieno	CHE Kenyan Universities Exhibitions	Embu	13 <sup>th</sup> -18 <sup>th</sup> March 2012
77.	Dr. Dismas Ongore	Workshop on Engaging Intergovernmental Organizations involved with Animal Health, Public Health and Food Security	Geneva	3 – 10 March 2012
78.	Prof. J. Olenja	Workshop organized by IDRC-CRDI – Health Priorities Among Women Working and Living in Agro Ecosystems	Panafric Hotel, Nairobi	18 <sup>th</sup> – 19 <sup>th</sup> February 2012
79.	Prof. J. Wang'ombe	Global Health Diplomacy Project steering Committee Meeting	Arusha, Tanzania	16 <sup>th</sup> – 18 <sup>th</sup> February 2012
80.	Prof. V. Kimani	ESDA Induction Workshop for Teaching Faculty organized by United Nations University Institute of Sustainability and Peace in Collaboration with UoN and KU	KCB Leadership Centre, Karen, Nairobi	19 <sup>th</sup> – 23 <sup>rd</sup> March 2012
81.	Dr. Peter Njoroge	Workshop organized by University of Manitoba on Technical Support Team with the University of Manitoba for HIV Epidemic Appraisal	Nigeria	March 12 <sup>th</sup> – 16 <sup>th</sup> 2012
82.	Dr. T. Olewe	Workshop on Brain Degeneration and Emerging Mental Health Challenges in Sub-Saharan Africa	Kampala, Uganda	3 February 2012
83.	Prof. E. Ngugi	Membership Scientific Advisory Board of the Diagonal interventions to fast forward enhanced reproductive health	Mombasa	January 2012

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		(DIFFER) project		
84.	Prof. E. Ngugi	Nomination to the National Key Population Policy and coordination steering committee (NSC)	Nairobi	January 2012
85.	Paul Mwangi Macharia	CARTA/DELPHE Capacity Building Workshop	Dar-es-Salaam	30 Jan-1 Feb. 2012
86.	Prof. E. Ngugi	Population Council Working Group	Nairobi	7 February 2012
87.	Prof. E. Ngugi	Implementing Partners Quarterly Meeting	Crown Plaza Hotel, Nairobi	17 <sup>th</sup> February 2012
88.	Prof. E. Ngugi	Technical Staff Meeting	Silver Springs Hotel, Nairobi	5 March 2012
89.	Prof. E. Ngugi	National M&E Guidelines	Sarova Panafric Hotel, Nairobi	13 March 2012
90.	Prof. E. Ngugi	MARPs Quarterly Review Meeting	Dept. of Surgery Boardroom	14 March 2012
91.	Prof. E. Ngugi	PEPFAR Partners Meeting	Safari Park Hotel, Nairobi	15 March 2012
92.	Mujahid F.D.	Present paper at all Africa ENT Audiology conference (AAENTA)	Victoria Falls, Zimbabwe	4 <sup>th</sup> -8 <sup>th</sup> June 2012
93.	Kariuki H.N.	African palliative care research network meeting	23 <sup>rd</sup> -26 <sup>th</sup> April 2012	Kampala
94.	Patel N.B.	Stakeholders Consensus Building Workshop, Developing National Guidelines for care and use of Animals in Research-for- Health in Kenya	Fairview Hotel, Nairobi	4 <sup>th</sup> April 2012
95.	Were F.N.	External Advisory panel meeting on pneumonia of the GASES foundation	USA	6 <sup>th</sup> -9 <sup>th</sup> May 2012
96.	Obimbo E	WHO childhood TB workshop. WHO consultation on TB Drugs	South Africa	30 <sup>th</sup> April – 5 <sup>th</sup> May 2012
97.	Nduati R	Independent monitoring Board for polio	The Royal Society. London UK.	14 <sup>th</sup> -17 <sup>th</sup> May 2012
98.	Charles Omwandho O.A	African Higher Education harmonization tuning and shaping responsive and quality postgraduate education	Cape Town South Africa	15 <sup>th</sup> -18 <sup>th</sup> May 2012
99.	Prof. Mulimba	Pan-African Orthopaedic conference and read a paper on "Athroplasty in Resource Limited Africa.		9 <sup>th</sup> -13 <sup>th</sup> June 2012
100.	Mutiso V.M.	RATN General council meeting and workshop	Durban, South Africa	3 <sup>rd</sup> - 10 <sup>th</sup> June 2012
101.	Amayo E.O	University of Texas Medical Branch	Texas, USA	16 <sup>th</sup> -19 <sup>th</sup> April 2012
102.	Amayo E.O	64 <sup>th</sup> Annual Meeting of the American Academy of Neurology at the Ernest N Morial convetion center	New Orleans LA	20 <sup>th</sup> April -2 <sup>nd</sup> May 2012
103.	Ogola E.N	European Heat Failure Congress	Belgrade, Serbia	18 <sup>th</sup> -23 <sup>rd</sup>
104.	Ogola E.N	World Congress of Cardiology	Dubai	18 <sup>th</sup> -22 <sup>nd</sup> April 2012
105.	Abinya N.A	National Comprehensive Cancer Care Network (NCCN) guidelines workshop	Windhoek, Namibia	25 <sup>th</sup> -28 <sup>th</sup> April 2012
106.	Abinya N.A	American Society of Clinical Oncology (ASCO) Conference	26 <sup>th</sup> May- 8 <sup>th</sup> June 2012	Illinois, USA Chicago
107.	Ogutu E.O	Digestive Disease week and post graduate course. Gastroenterology	16 <sup>th</sup> -25 <sup>th</sup> May 2012	San Diego, California USA
108.	Bhatt K.M	Scientific Advisory committee of the Drugs Neglected	Geneva	7 <sup>th</sup> -9 <sup>th</sup> May 2012

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		Disease initiative (DNDI)		
109.	Were J.A.O	49 <sup>th</sup> ERA EDTA Congress of Nephrology (European Renal Association- European Dialysis and Transplantation Association)	Paris France	22 <sup>nd</sup> -31 <sup>st</sup> May 2012
110.	Oyoo G.O	XVIII Congress of Pan American League of Association of Rheumatology	Rock Hotel and CASINO Purita Cana, Dominic Republic	16 <sup>th</sup> -21 <sup>st</sup> April 2012
111.	Oyoo G.O	European Congress of Rheumatology (EULAR 2012)	Berlin Germany	6 <sup>th</sup> -9 <sup>th</sup> June 2012
112.	Ndetei D.M	Conference on Work, Train and publish a call for the 21 <sup>st</sup> century Orthopaedic Surgeon	Nairobi	13 <sup>th</sup> -16 <sup>th</sup> June 2012
113.	Kimani, V.	One day training of middle level Ministry Officers on Gender Mainstreaming in National Planning and Development	Nakuru	24 <sup>th</sup> June, 2012
114.	Kigamwa P.A	165 <sup>th</sup> Annual Meeting of the American Psychiatric Association	Philadelphia, Pennsylvania	24 <sup>th</sup> April- 11 <sup>th</sup> May 2012
115.	Dr. Mathai	: Programmatic-strengthening Medical Education for improved Health Outcomes in Kenya	Naivasha	25 <sup>th</sup> -26 <sup>th</sup> May 2012
116.	Ndetei D.M	3 <sup>rd</sup> World Forum Against Drugs	Stockholm, Sweden	21 <sup>st</sup> -23 <sup>rd</sup> May 2012
117.	Anzala Omu	ADVAC conference	Lyon., France	13 <sup>th</sup> -26 <sup>th</sup> May 2012
118.	Anzala Omu	11th RATN (Regional IADS Training Network) general council meeting and workshop	Durban, South Africa	5 <sup>th</sup> -9 <sup>th</sup> June 2012
119.	Jaoko W	University of Nairobi/Kenyatta National Hospital Ethics committee meeting	Manzoni	7 <sup>th</sup> -8 <sup>th</sup> May 2012
120.	Mutua F.	Grade Training workshop	South Africa	2 <sup>nd</sup> -7 <sup>th</sup> June 2012
121.	Oyugi J.O	German-Africa cooperation projects in infectology	Bonn , Germany	28 <sup>th</sup> June-1 <sup>st</sup> July 2012
122.	Marco S.	presented a paper during the 25 <sup>th</sup> International Congress of German Ophthalmic Surgeons	Nurnberg, German	June 14 <sup>th</sup> -16 <sup>th</sup>
123.	Dr. K.O. Abuga	Item Writing workshop	Nairobi	20 <sup>th</sup> – 27 <sup>th</sup> May 2012
124.	Dr. K. O. Abuga	PACE HIV Symposium	College of Health Sciences, UoN	14 <sup>th</sup> – 15 <sup>th</sup> June 2012
125.	Mr. Nguyo	Refresher Training for Internal Quality Auditors	Kenya School of Monetary Studies	27 <sup>th</sup> March 2012
126.	Dr. A. O. Okaru	Writing Review and Revision of Instructional Materials workshop	College of Education and External Studies	10 <sup>th</sup> – 16 <sup>th</sup> June 2012
127.	Dr. F. Okalebo	Item Writing workshop	Nairobi	20 <sup>th</sup> – 26 <sup>th</sup> May 2012 11 <sup>th</sup> – 15 <sup>th</sup> June 2012
128.	Dr. Mbeo	Smart Climate Change	Silver Springs Hotel, Nairobi	11 <sup>th</sup> May 2012
129.	Dr. Mbeo	Lake Basin Development Authority Forum	Kakamega Golf Hotel	24 <sup>th</sup> May 2012
130.	Dr. Mbeo	Research and Grant Proposal writing	UNES	April 2012
131.	Dr. Opanga	Research and Grant Proposal writing	UNES	April 2012
132.	Dr. Opanga	HOPAK Oncology Workshop	Sarova Stanley Hotel, Nairobi	14 <sup>th</sup> – 16 <sup>th</sup> April



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		Invitation		2012
133.	Dr. Opanga	HOPAK Oncology Workshop Invitation	Panafric Hotel, Nairobi	Thursday, 12 <sup>th</sup> May 2012
134.	Dr. Opanga	Writing Review and Revision of Instructional Materials workshop	KWSTI Naivasha	10 <sup>th</sup> – 16 <sup>th</sup> June 2012
135.	Prof.E.G.Wagaiyu	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
136.	Dr.W.Odhiambo	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
137.	Dr. Alumera	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
138.	Dr.Kinoti Mogambi	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
139.	Dr.B.I.Omondi	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
140.	Dr.C.N.Ogada	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
141.	Dr.A.M.Kemoli	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
142.	Dr.K.A.Wakoli	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
143.	Dennish Kota	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
144.	Dr.B.K.Kisumbi	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
145.	Dr.M.Muasya	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
146.	Dr.E.Dimba	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
147.	Dr.F.Otieno	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
148.	Dr.R.Mutave	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
149.	Dr.T.Dienya	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
150.	Dr.N.Matu	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
151.	Dr.S.Hazel	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
152.	Prof.G.N.Opinya	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
153.	Dr.V.Wangari	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
154.	Dr.Ariemba R.	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
155.	Dr.E.Kihara	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
156.	Dr.T.J.Ocholla	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
157.	Prof.J.F.Onyango	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
158.	Prof.L.W.Gathece	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
159.	Dr.A.W.Njiru	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
160.	Dr.B.N.Mua	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
161.	Dr.M.Muasya	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
162.	Dr.M.Muasya	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
163.	Dr.M.A.Masiga	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012

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164.	Dr.O.A.Osiro	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
165.	Mr.S.Kilimo	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
166.	Josephat Miyogo	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
167.	Dr.L.Sande	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
168.	Dr.M.Muasya	School Research Day	School of Dental Sciences, UNIMARS Hall	Wednesday 18 <sup>th</sup> April 2012
169.	Prof.G.N.Opinya	Board of Post Graduate studies Strategic Plan Workshop	Lukenya	on 3 <sup>rd</sup> -4 <sup>th</sup> May 2012
170.	Dr.E.Ngatia	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
171.	Dr.R.Owino	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
172.	Prof.J.F.Onyango	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
173.	Dr.Wambeti Njiru	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
174.	Dr.W.Odhiambo	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
175.	Prof.S.Guthua	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
176.	Prof.M.Chindia	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
177.	Dr.T.Osundwa	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
178.	Dr.M.Akama	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
179.	Dr.N.Matu	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
180.	Dr.A.Wetende	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
181.	Dr. B.K.Kisumbi	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
182.	Dr.H.Simila	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
183.	Dr.O.Osiro	Writing ,Review and Revision of instructional materials workshop	Naivasha	10 <sup>th</sup> - 16 <sup>th</sup> June 2012
184.	Prof. E. Wagaiyu	HIV Symposium	College of Health Sciences, UoN	14 <sup>th</sup> -15 <sup>th</sup> June 2012
185.	Hope Nyange	Research Proposal Writing Workshop	Lecture Theatre II, School of Dental Sciences	11 <sup>th</sup> June 2012
186.	Lydia Wainaina	Research Proposal Writing Workshop	Lecture Theatre II, School of Dental Sciences	11 <sup>th</sup> June 2012
187.	Dr.T.J.Ocholla	Research Proposal Writing Workshop	Lecture Theatre II, School of Dental Sciences	11 <sup>th</sup> June 2012
188.	J.Ratemo	Research Proposal Writing	Lecture Theatre II, School of Dental Sciences	11 <sup>th</sup> June 2012

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		Workshop		
189.	Eliud Ayiro	Research Proposal Writing Workshop	Lecture Theatre II, School of Dental Sciences	11 <sup>th</sup> June 2012
190.	Daniel Odhiambo	Research Proposal Writing Workshop	Lecture Theatre II, School of Dental Sciences	11 <sup>th</sup> June 2012
191.	Alice Limo	Research Proposal Writing Workshop	Lecture Theatre II, School of Dental Sciences	11 <sup>th</sup> June 2012
192.	Dr.Ariemba	Research Proposal Writing Workshop	Lecture Theatre II, School of Dental Sciences	11 <sup>th</sup> June 2012
193.	Mary Mukami	Records Management Workshop	CCU, UoN	13 <sup>th</sup> April 2012
194.	Jamleck Kamuri	Records Management Workshop	CCU, UoN	13 <sup>th</sup> April 2012
195.	Anthony Ayieko	Invitation to attend PACE HIV Symposium	Lecture theatre III, College of Health Sciences	14 <sup>th</sup> – 15 <sup>th</sup> 2012
196.	Dr. Grace Omoni	PRIME-K Writers Meeting of Stakeholders on the Implementation of Helping Babies Breathe by Jonson & Jonson	Intercontinental Hotel	11 <sup>th</sup> May 2012
197.	Blasio Omuga	PRIME-K Writers Workshop	Egerton	6 <sup>th</sup> – 12 May 2012
198.	Miriam C. A. Wagoro	PRIME-K Writers Workshop	Egerton	6 <sup>th</sup> – 12 May 2012
199.	Dr. Dismas Ongore	UoN/KMTC Joint Workshop to review six (6) syllabi	Mombasa Beach Hotel	11 May 2012
200.	Dr. Dismas Ongore	PACE HIV Symposium	College of Health Sciences, UoN	June 14 – 15 2012
201.	Dr. Dismas Ongore	National Polio Expert Committee Meeting (NPEC)	Tea-Tot Hotel, Machakos	6 – 9 June 2012
202.	Dr. Richard Ayah	13th World Congress on Public Health	Millennium Hall, Addis Ababa, Ethiopia	23 – 27 April 2012
203.	Dr. Peter Njoroge	AUCC's Leaders' Symposium: New Models of North-South Partnerships and workshop for CAREG grant recipients	Canada-Africa Research Collaborations Reflecting on the CAREG Experience, Ottawa, Canada	11 – 16 June 2012
204.	Dr. Peter Njoroge	Join a Technical Support Team with the University of Manitoba for HIV Epidemic Appraisal	Lagos, Nigeria	12 – 18 May 2012
205.	Mrs. Faith Thuita	TOPS/ Food Security and Nutrition Network Regional Conference	TOPS in Addis Ababa, Ethiopia	11 – 13 June 2012
206.	Prof. Omu Anzala	Bioethics Training Workshop	Vic Hotel, Kisumu	26 – 28 April 2012
207.	Prof. Joyce Olenja	Regional AIDS Training Network General Council Meeting and Workshop	Durban, South Africa	3 – 9 June 2012
208.	Dr. Tom Olewe	training workshop on Data to action for tobacco control	Kampala, Uganda	April 25-27 2012
209.	Prof. B.B.A Estambale	15 <sup>th</sup> International Congress on infectious diseases	Bangkok, Thailand	June 13-16, 2012
210.	Dr. James Machoki M'Imunya	Grade Training Workshop held at the South African Cochrane Centre	Cape Town, South Africa	4 <sup>th</sup> -6 <sup>th</sup> June, 2012
211.	Fred Mose Mochache	2012 international Microbicides conference	Sydney, Australia	15-18 April
212.	Prof. E. Ngugi	MARPs Sensitivity Curriculum Validation Workshop	Silver Springs Hotel, Nairobi	30 <sup>th</sup> March 2012
213.	Prof. E. Ngugi	World Bank Mission to Kenya	NASCOP Boardroom, Nairobi	23-27 April 2012
214.	Prof. E. Ngugi	National Key Population Policy-NACC, Nairobi	NationalAIDS Control Council, Nairobi	30 April 2012
215.	Prof. E. Ngugi	HIV Prevention Sensitization Training	Thika	2-3 May 2012
216.	Prof. E. Ngugi	Launch of Report on Status of	Nairobi	3 May 2012

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		Sexual & Reproductive Health-KNCHR		
217.	Prof. J. Kiarie	Programmatic-Strengthening Medical Education for Improved Health Outcomes in Kenya	Naivasha	25-26 May 2012
218.	Prof. J. Kiarie	National Key Population Policy	NACC, Nairobi	29 May 2012
219.	Prof. E. Ngugi	The National EBI TWG Meeting	NASCOP Boardroom, Nairobi	7 June 2012
220.	Prof. E. Ngugi	Healty Choices I Review Meeting	Green Hills Hotel, Nyeri	12-15 June 2012
221.	Prof. E. Ngugi	MARPS Data Triangulation Workshop	Nairobi	14-15 June 2012
222.	Prof. G. N. Lule	PACE HIV Symposium	College of health Sciences, Kenyatta Campus	14-15 June 2012
223.	Prof. E. Ngugi	New HIV/STI Prevention Technologies Forum	Nairobi	21 June 2012
224.	Prof. R. Nduati	PMTCT summit	Cape Town	29 <sup>th</sup> – 31 <sup>st</sup> March, 2012
225.	Prof. R. Nduati	A conference on Public Health and Sanitation	Washington DC	12 <sup>th</sup> – 18 <sup>th</sup> June 2012
226.	Dr. D. C. Wamalwa	The 19 <sup>th</sup> Conference on Retroviruses and Opportunistic Infections (CROI)	Seattle Washington DC, USA	2 <sup>nd</sup> – 12 <sup>th</sup> March 2012
227.	Dr. M. F. Vunoro	DANONE International Scientific Symposium	Instanbul, Turkey	16 <sup>th</sup> – 18 <sup>th</sup> March 2012
228.	Prof. L. N. Gakuu	External Examiner at Makerere University	Kampala, Uganda	29 <sup>th</sup> – 2 <sup>nd</sup> March 2012
229.	Prof. Dunera Ilako	<i>Sub-Specialist Ophthalmologists in Africa</i>	Moorfields Eye Hospital – Korle Bu Trust - London	September 26 <sup>th</sup> - 29 <sup>th</sup> ,
230.	Dr. Emmanuel Nyenze	<i>"Orbit and Oculoplast"</i>	Aravind Eye Hospital, INDIA	1 <sup>st</sup> September 2012 to 28 <sup>th</sup> February 2013
231.	Dr. Lucy Njambi	an in-house training on <i>"Basic Epidemiology and Statistics"</i>	Kemri/Wellcome, Nairobi	24 <sup>th</sup> to 28 <sup>th</sup> September 2012
232.	Dr. Jefitha Karimurio	Presentation for PhD Results at the 9 <sup>th</sup> Assembly of the IAPB and a visit to Research Projects	Hyderabd India	6 <sup>th</sup> – 29 <sup>th</sup> September, 2012.
233.	Prof. J A O Mulimba	External Examiner	Muhimbili University of health and Allied Sciences	18-20 July 2012.
234.	Dr. E M Gakuya	A O Spine Principles course – spinal trauma and infection	Gorilla golf hotel - Rwanda	9-10 August, 2012.
235.	Dr. Ombachi R B	Annual surgical training mission NuVasive spine foundation		19-27/9/2012
236.	Dr. K.O. Abuga	Workshop on credit waiver policy for career progression from Diploma to degree in Pharmacy.	Machakos	22 July, 2012 by Pharmacy & Poisons Board.
237.	Prof. G.N. Thoithi	Writers reviewers workshop	Centre for Open and Distance Learning, UoN	26 <sup>th</sup> August to 1 <sup>st</sup> September, 2012
238.	Dr. Alex O. Okaru	Writers reviewers workshop	Centre for Open and Distance Learning, UoN.	26 <sup>th</sup> August to 1 <sup>st</sup> September, 2012
239.	Dr. Nillian Mukungu	Writers reviewers workshop	Centre for Open and Distance Learning, UoN	26 <sup>th</sup> August to 1 <sup>st</sup> September, 2012
240.	Dr. Esther Karumi	Writers reviewers workshop	Centre for Open and Distance Learning	26 <sup>th</sup> August to 1 <sup>st</sup> September 2012
241.	Dr. Sylvia Opanga	Writers reviewers workshop	Centre for Open and Distance Learning	26 <sup>th</sup> August to 1 <sup>st</sup> September
242.	Dr. Nasser Nyamweya	Writers reviewers workshop	Centre for Open and Distance Learning	26 <sup>th</sup> August to 1 <sup>st</sup> September 2012

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243.	Dr. Faith Okalebo	Graduate Research and Publication		29 <sup>th</sup> Aug 2012
244.	Dr. Margaret Oluka	KEHPCA conference		12 <sup>th</sup> -14 <sup>th</sup> Sept 2012
245.	Dr. Mercy Mulaku	Training workshop on Responsible conduct of research		29 <sup>th</sup> -31 <sup>st</sup> Aug 2012
246.	Prof. Anastasia Guantai	African congress on Pharmacology		10 <sup>th</sup> -14 <sup>th</sup> July 2012
247.	Dr. Kefa Bosire	MEPI Symposium		7 <sup>th</sup> -9 <sup>th</sup> Aug 2012
248.	Dr. Nelson Matu	participated in the International Training Workshop on Grants Management and Research Administration	Silver Springs Hotel Nairobi.	9 <sup>th</sup> -13 <sup>th</sup> July 2012
249.	Prof. J. F. Onyango	External examiner	Muhimbili University of Health and Allied Sciences in Tanzania	10 <sup>th</sup> July – 15 <sup>th</sup> July 2012
250.	Prof. E. G. Wagaiyu	Workshop on establishing regional centres of excellence for higher education in health sciences in East Africa through public private partnership modality East Africa through public private partnership modality	East African Community Headquarters in Arusha, Tanzania	23 <sup>rd</sup> -27 <sup>th</sup> July 2012
251.	Dr. Nelson Matu	NYU Conference	New York City USA	30 <sup>th</sup> July-3 <sup>rd</sup> August 2012
252.	Prof. E. G Wagaiyu	MEPI Second annual Symposium	Addis Ababa	7 <sup>th</sup> -9 <sup>th</sup> August 2012
253.	Dr. Regina Mutave	Community Oral Health Curriculum organized by the Kenya Medical Training College	Mombasa, Kenya	22 <sup>nd</sup> -31 <sup>st</sup> August 2012
254.	Dr. E. W. Kibugi, Allan Esolio, Joy Owera, Magdalene Muthui, Richard Mutai, Charles Akuru, Wilson Mwakisha, Dr. E. Kihara, Josiah Gichana, Dr. Wambeti Njiru, Dr. M. Muasya, Geoffrey Makhanu, Weru Macharia,	CPD ON Oral Ulceration	UNIMARS Hall, School of Dental Sciences	15 <sup>th</sup> August 2012
255.	Dr. Susan Maina	The FDI World Dental Federation Congress	Hong Kong	29 <sup>th</sup> August – 1 <sup>st</sup> September 2012
256.	Prof. E. G. Wagaiyu, Dr. B. K. Kisumbi, Dr. N. Matu, Dr. W. Odhiambo, Dr.F.Otieno	Writing and Revision of Instructional Materials Workshop	Kenya Wildlife Training Institute, Naivasha	26 <sup>th</sup> August -1 <sup>st</sup> September 2012
257.	Dr. A. Njiru	A PACE project retreat	Naivasha	4 <sup>th</sup> – 7 <sup>th</sup> September 2012
258.	Dr. A. W. Njiru	A Bioethics training workshop	ACTS Lecture Theatre, College of Health Sciences	10 <sup>th</sup> – 14 <sup>th</sup> September 2012
259.	Prof. Violet Kimani	Participated in NIH Web-based Training Course 'Protecting Human Research Participants		19 <sup>th</sup> September, 2012
260.	Dr. Richard Ayah	Training for Epidemiology Research & Training Summer Program	University of Maryland, Bartimore	May 29 <sup>th</sup> – July 18 <sup>th</sup> , 2012
261.	Mr. Lambert Nyabola	KENET/Tuft University's	KENET office training room, JKML, UON	6 <sup>th</sup> – 9 <sup>th</sup> August,

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		Science Knowledgebase (TUSK) Training Workshop		2012
262.	Prof. E. G. Wagaiyu	Scientific Writing Training Workshop	Double Tree by Hilton Resort Zanzibar-Nungwi, Tanzania	3 <sup>rd</sup> -4 <sup>th</sup> November 2012
263.	Prof. E.G.Wagaiyu	Research Administration and Grants Management workshop	Zanzibar, Tanzania between	November 5-9 2012
264.	Dr. Mutave R.	Community Oral Health Curriculum organized by the Kenya Medical Training College	Mombasa	22 <sup>nd</sup> -27 <sup>th</sup> August 2012
265.	Dr. Elizabeth Dimba	A technical meeting of experts meeting to develop a set of algorithms related to primary oral healthcare between	Brazaville, Congo	November 14 <sup>th</sup> – 16 <sup>th</sup> 2012
266.	Dr. A. W. Njiru	A Bioethics training workshop	ACTS Lecture theatre, College of Health Sciences	10 <sup>th</sup> -14 <sup>th</sup> September 2012
267.	Dr.A.W.Njiru	A PACE project staff	Naivasha	4 <sup>th</sup> -7 <sup>th</sup> September 2012
268.	Dr. Mirie Waitera	Global Health diplomacy course	Kenya Monetary Studies	26 <sup>th</sup> -30 <sup>th</sup> Nov 2012
269.	Dr. Blasio Omuga	Writers' workshop for Schools		16 <sup>th</sup> – 21 <sup>st</sup> December 2012
270.	Prof. Joyce Olenja	Participated in a Strategic executive Leadership Course of The Global Health Programme		26th to 30th November 2012

**10.11. PAPERS PRESENTED IN CONFERENCES AND OTHER ACADEMIC FORA**

The College staff produced the following papers which were presented in scientific conferences and other academic fora.

SN	PAPER PRESENTED	AUTHOR(S)
1.	Brauxism among patients visiting University of Nairobi Dental Hospital.	Mundia DK,Mutave R,Dimba E.
2.	Dental anxiety and oral health seeking behaviour among adults.	Mwangi LN,Gathece LW,Awange D.
3.	Impact of advertisements on the oral health behaviour among children.Oramis	D,Macigo F.G,Kemoli AM
4.	Oral health behavior and status among a diabetic semi urban population in Kenya.	Wambugu J,Kimani V,Thuita F.Ngatia E.
5.	Caries experience,oral hygiene status and diet of children with hearing disability in comparison to those without hearing disability.	Njama JM,Ngatia EM,Opinya GN,Gathece LW
6.	Effect of Dental caries on oral health related quality of life in 12-14 year olds in Viwandani slum,Nairobi.	Opondo I.A,Kemoli A,Ngesa JL,Gathece L.
7.	Willingness of Dentists to treat persons living with HIV/AIDS.	Gathece L.W,Mutave R.J,Matu NK,Mua B.N
8.	Malocclusion in the deciduous dentition of pre-school children in Nairobi.	Rop DC,Nganga PM
9.	Cephalometric changes after treatment with a twin block appliance-case report.	Mungure EK,Ngesa JL,Roopra.M
10.	Early detection and management of carious lesions and implications for Africa-An FDI Global Carious Initiative.	Tom Dienya.
11.	Aerobic bacterial agents and antibiotic sensitivity of post-surgical orofacial infections at the Kenyatta National Hospital and University of Nairobi Dental Hospital.	Barasa GB,Onyango JF,Mutua FM,Dimba EAO,Butt FMA.
12.	Contractile action of adenia globosa engl on mammalian smooth muscle..	Sinei K. A., J. W. Mwangi, R. W. Munenge, A. M. Mwaura
13.	Cochlear implants;	Dr. Mujahid Din,
14.	A comparative study to assess interleukin I Polymorphisms and their relationship with chronic periodontitis in two Kenyan communities.	E.G.Wagaiyu,
15.	Investigation of the Cellular basis of poor clinical outcome for locally advanced oral squamous cell carcinoma treated with conventional cytotoxic therapy.	J.F.Onyango,
16.	Pattern of Periodontal diseases in persons living with HIV/AIDS at KNH outpatient centre.	Riro S.E.G.Wagaiyu,Mutave R.J
17.	Evaluation of the Reproducibility of the selected colour of metal ceramic restorations.	Angela O,S.Maina,B.K.Kisumbi,A.Kassim
18.	Improving Child health in Nairobi through education of Nurses on teething	.R.Mutave,L.W.Gathece,G.Omoni
19.	Cone beam computed tomography.	A.Nandita
20.	Dental diseases burden and treatment needs among 13-17 year olds with dental fluorosis compared to those without dental fluorosis in Kajjado North District.	Mavindu M,
21.	Periodontal status of postpartum women in relation to preterm birth and low birth weight at Kenyatta National Hospital.	Wangari V,N.Matu,R.Mutave
22.	Mesiodistal tooth widths of permanent teeth in 13-15 year old Kenyans.	Nduguyu K,P.N.Ng'ang'a,J.L.Ngesa
23.	Dental caries and gingivitis by tooth type among 13-15 year olds with varying severity of fluorosis.	E.Mutungu,G.Opinya,M.Masiga
24.	Root and Canal morphology of mandibular permanent incisors in a Kenyan population.	J.Kathure,T.Dienya,S.Maina,F.Otieno,L.Gathece
25.	A Comparative study of the nutritional status of children aged 3-5 years with severe childhood caries and caries-free in Kisumu,Kenya.	Wasunna D,Masiga M,Ngatia E,Mutave R
26.	Improving child health in Nairobi through education of Nurses on teething.	R.Mutave,L.W.Gathece,G.Omoni
27.	Disquaire gingivitis and autoimmune bullous dermatoses at the Kenyatta National Hospital.	A.Alumera,E.G.Wagaiyu,B.Mua
28.	Incisive papilla as biometric guide among Kenyans of African Descent.	C.Ogada,Omondi B.I,R.Mutave
29.	A clinical, radiological and microbiological study of root-filled teeth with post-treatment disease.	F.Nyaata,W.Lesan,T.Dienya,E.Dimba,F.Mutua
30.	Employee knowledge and practice in the implementation of strategic plan at the School of Dental Sciences, University of Nairobi.	B.N.Mua

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31.	Periodontal health status in relation to glycaemic profile among type 2 diabetic patients at Kenyatta National Hospital.	Kithela S,N.Matu,B.N.Mua
32.	Partial results presentation of the internal and external root morphology of second permanent molars of a Kenyan population.	Katoto I,S.Maina,F.Otieno.W.Njiru
33.	Serum folate levels in patients with head and neck squamous cell carcinoma presenting for management at the Kenyatta National Hospital.	M.Ikito,J.F.Onyango,L.L.Chindia,K.Christine
34.	Reliability of nasal and inner- canthal width(s) in determining the mesio-distal width(s) of the maxillary anterior teeth in a Kenyan population.	Ariemba R.M,Kibugi,L.W.Gathece,S.Maina
35.	Post treatment complications and management and their impact on treatment outcomes among periodontal patients at the University of Nairobi Dental Hospital.	Wambugu J,Matu N.K
36.	Kenya MARPS Size Estimation	Prof. E. Ngugi
37.	The Milestones (HIV/AIDS Initiatives) -	Prof. E. Ngugi
38.	Positive Prevention and ART Adherence	V Kamau, Inwani, P. Macharia, E Ngugi
39.	Detection of HIV – Specific antibodies in mucosal specimens at KAVI	Omu Anzala
40.	Detection of immune responses in mucosal t cells in Kenya	Omu Anzala
41.	Utilization of social media to target behavior change among University Students	Duncan Matheka
42.	HIV post exposure porphyllasis; global knowledge and wawareness among medical students and health care workers	Jamal I, Matheka C M. Magoma G, Oyugi J O
43.	Effects of the progestin depot medroxy pregestermone acetate on cervico vaginal lavage pro-inflammatory cytokines in helath antiretroviral therapy naive HIV Positive women	Edwin Walong
44.	Association of unitended pregnancy and utilization of maternal health services in Kenya	John Ogech, Onesmus Gachuno, James Kiarie
45.	Hearing Disorders in HIV positive adult patients	B A Ongulo, H O Obura
46.	Cryptococcal meningitis	Judy Kwasa
47.	Non Communicable co-morbidities in HIV	Elija Ogola
48.	Prevention of mother to child transmission	Dorothy Mbori Ngacha, Martin Sirengo, James Kiarie
49.	HIV care and treatment (paediatrics)	Douglas Watson, Elizabeth Obimbo
50.	Modification of antiretroviral thereapy in HIV infected patients at the KNH comprehensive care clinic	Lule G N, Otieno C F, Maritim M C, Omonge E O



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44.12. FUNDED RESEARCH PROJECTS

During the year 2012 the College had 21 funded research projects as follows: -

NO	PROJECT	PRINCIPAL INVESTIGATOR	PERIOD	AMOUNT
1.	PACT Project - Partnership for advanced care and treatment (PACT) program – Kenya.	Dr. G. Lule	Ongoing	
2.	Consortium Project - Bio-innovate consortium partner sub agreement between The International Livestock Research Institute and University of Nairobi (Department of Biochemistry) "Industrial Enzymes for Sustainable Bio Economy Consortium project	Prof. Peter Kinyanjui	1/8/2011 – 31/7/2014.	(US\$148.803)
3.	WINFOOD - Treatment of childhood under nutrition, development of and access to improved foods, University of Copenhagen, Denmark.	Prof. B.B.Estambale	1/1/2010 – 31/12/2014	DKK 1,448,748 (Ksh. 21,731,220)
4.	KAVI - B004 Clinical trial agreement.	Prof. Omu Anzala	30/9/2011 upto date	
5.	Science ,Technology and Innovation Research Grant Post Doctorate - Production of camel monoclonal antibodies using an innovative hybridoma platform for diagnosis of arboviruses;	Dr. George Osanjo	Ongoing	Ksh. 970,000
6.	Science ,Technology and Innovation Research Grant Post Doctorate - Assessment of determinants of response to warfarin in the Kenyan patients	Dr. David Nyamu	Ongoing	Ksh. 1,000,000
7.	PFIZER Laboratories (PTY) Ltd protocol no A0661201, Clinical study agreement, UNITID	Dr. Joshua Kimani	Ongoing	USD.124,030 (Ksh. 10.6 million)
8.	Early and reinfection in high risk women, Fred Hutchinson cancer research centre No. 0000714893	Prof. Walter Jaoko	3/1/2011-2/29/2012	\$53,549
9.	Subcontract between University of Nairobi and University of Washington no. 725606.	Prof. Raymond Scott McClelland, Prof. Walter Jaoko	1/7/2011 – 30/6/2012	US\$ 20,831
10.	Subcontract between University of Nairobi and University of Washington no. 725610.	Prof. Raymond Scott and Prof. Walter Jaoko	1/7/2011 – 30/6/2012	US\$4 84,201
11.	Subcontract between University of Nairobi and University of Washington no. 725211.	Prof. Raymond Scott and Prof. Walter Jaoko	1/7/2011 – 30/6/2012	US\$ 39,919
12.	Fogarty International Clinical Research Subcontract number 723351, University of Washington	Dr. John Kinuthia	1/7/2011 – 30/6/2012	\$20,250
13.	Fogarty International Clinical Research Subcontract number 723348, University of Washington	Dr. John Kinuthia	1/7/2011 – 30/6/2012	\$24,000
14.	AIDS and Cancer Specimen Resource - Ohio State University, in collaboration for support to the Department of Human Pathology.	AIDS and Cancer Specimen Resource	23/10/2009 – 22/10/2014	
15.	Developing Capacity for AIDS Malignancy in Kenya, West Virginia University Research Corporation on behalf of West Virginia University	National Cancer Institute	1/8/2011 – 31/7/2012	\$17,082
16.	UNESCO- L'OREAL Fellowship for young women in life	Dr.Peggoty Mutai	24/3/2012 - 30/3/2012	USD 480
17.	Treatment compliance among hypertensive patients attending KNH; Research Proposal Funding – KNH GRANTS	Mr. Samuel Kimani	2011/2012	
18.	Building Sustainable Research Capacity for Health and its Social Determinants in Low and Middle Income Countries, European Commission Project No. 282534	Prof. J. Wang'ombe	Ongoing	
19.	Contract Agreement on Capacity Building on Global Health Diplomacy ECSA-HC, with Rockefeller Foundation Grant Contact person	Prof. Joseph Wang'ombe	Ongoing	US\$548,270
20.	Subcontract No. 542070 between University of Nairobi and University of Washington.	Prof. Scott McClelland Prof. Walter Jaoko Prof. B.B Estambale	30/6/2011 – 30/6/2012	US\$ 20,960
21.	PFIZER Laboratories (PTY) Ltd protocol no A0661158, Clinical study agreement, UNITID	Dr. Joshua Kimani	Ongoing	USD.1,442,472 (Ksh. 122,610.120)

12.13. **GRADUATES**

The College produced Four (4) PhD graduates as follows: -

School of Medicine	3
School of Public Health	1
<b>TOTAL</b>	<b>4</b>

**Masters Graduates**

One Hundred and Forty Three (143) Masters students graduated: -

School of Medicine	102
School of Pharmacy	12
School of Dental Sciences	7
School of Nursing	11
School of Public Health	4
UNITID	7
<b>TOTAL</b>	<b>143</b>

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13.14. CONSULTANCIES

During 2012, the College carried out the following consultancies as follows: -

NO	CONSULTANT	CONSULTANCY
1.	Prof. James Kiarie	External Examiner at Muhimbili University of Health and Allied Sciences, Uganda
2.	Prof. Bhatt K.M.	External Examiner, National University of Rwanda
3.	Prof. J. Mulimba	External Examiners at Muhimbili University of Health and Allied Science, Dar-es-salaam (MUHAD).
4.	Dr.Evan Mwangangi	Request to assist in training in Innovative teaching methodologies
5.	Dr. F. Kamau	Evaluation of CTD Drug Applications, KCB Karen
6.	Prof. J.F Onyango	Facilitated a Leadership Development Workshop in Nakuru
7.	Mr. A.Mulewa	External Examiner at the Kenya Medical Training College, Department of Dental Technology
8.	Prof. E.G. Wagaiyu	Gave a talk on Training in Dentistry and Oral Disease in Kenya in Nagasaki University Japan
9.	Prof. Anna Karani	External examiner at Moi University, Kenya
10.	Prof. A. Guantai	A Phade 3 Open Label, Randomized Comparative study to evaluate Azithromycin plus Choloquine and sulfadoxine plus pyrimethamine combinations for intermittent preventive treatment of falciparum malaria infections in pregnant women in Africa – sponsored by Pfizer
11.	Prof. A. Guantai	An open label, non-comparative study to evaluate parasitological clearance rates and pharmacokinetics of Azithromycine and Chloroquine following administration of a fixed dose combination of Azithromycin and Chloroquine (AZCQ) in asymptomatic pregnant women with Plasmodium falciparum parasitemia in sub-saharan African sponsored by Pfizer
12.	Prof. C. Maitai	Appointment as A board Member- Pest Control Products Board
13.	Dept. of Pharmaceutical Chemistry	Analysis Levafix Drenih, Vetpro Ltd
14.	Dept of Pharmaceutical Chemistry	Analysis Neurovite forte, Namm Pharm Limited
15.	Dept of Pharmaceutical Chemistry	Analysis Marcaine® spinal heavy % 0.5% injection, Ripple Pharmaceutical Limited
16.	Dept of Pharmaceutical Chemistry	Analysis Mifepristone line pharma 200mg tablets, Maxim Pharmaceuticals
17.	Dept of Pharmaceutical Chemistry	Analysis Clavamax 1.2gm injection, Goldaim Limited
18.	Dr. K.O Abuga	Quotation for analysis of samples i.e. nelstat lozenges, Flutro 40mg/ml and Comax powder, Universal Corporation Limited
19.	Dr. K.O. Abuga	Analysis of Dexamethadone Injection 4mg/ml (100 ampoules) Medisel K Limited
20.	Dept. of Pharmaceutical Chemistry	Analysis of Rufedol (Diclofenac + Paracetamol tablets, Shalina Laboratories Limited
21.	Dept of Pharmaceutical Chemistry	Analysis Oxycycline Wound spray, Aesthetic Limited
22.	Dept of Pharmaceutical Chemistry	Analysis Olcin 750mg, Delta Pharma Limited
23.	Dept of Pharmaceutical Chemistry	Analysis Codimex –CT Tablets, Regal Pharmaceuticals limited
24.	Dept of Pharmaceutical Chemistry	Analysis Piperazine, Vetcare K Limited
25.	Dept of Pharmaceutical Chemistry	Analysis Abedazole 2.5mg, Arom Chemical Industries
26.	Dept of Pharmaceutical Chemistry	Analysis Phytomenadione Injection, Vital Healthcare
27.	Dept of Pharmaceutical Chemistry	Analysis Gaviscon double action, ReckitBenkiser Healthcare
28.	Dept of Pharmaceutical Chemistry	Analysis Trubenzole 2.5%, Ally pharma Option Limited
29.	Dept of Pharmaceutical Chemistry	Analysis Esovasc-5 tablets, Galaxy Pharmaceutical Limited
30.	Dept of Pharmaceutical Chemistry	Analysis of finished pharmaceutical products i.e omeprazole 20mg capsules – 10x10 capsules, Pharmaceutical Manufacturing co. Ltd

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31.	Dept of Pharmaceutical Chemistry	Analysis of a veterinary product from PFIZER laboratories – Plozin, Leskut limited
32.	Dept of Pharmaceutical Chemistry	Analysis Diabemet (Glucomet) 500mg tablet, YSP Industries
33.	Dept of Pharmaceutical Chemistry	Analysis Amlodipine besilate (AMOD-10) Plethico Phama
34.	Dept of Pharmaceutical Chemistry	Analysis Triple penicillin injection, Flamingo Phama
35.	Dept of Pharmaceutical Chemistry	Analysis Plozin, Pfizer Lab Ltd
36.	Dept of Pharmaceutical Chemistry	Analysis Oxymet 20% wsp, NerixPharma Ltd
37.	Dept of Pharmaceutical Chemistry	Analysis Maludrox gel, Nabros Pharma Ltd
38.	Dept of Pharmaceutical Chemistry	Analysis Lsomepsa 20 capsules, PSA International
39.	Dept of Pharmaceutical Chemistry	Analysis Furotil 500mg tablets, Healthcare Pharmaceutical Ltd
40.	Dept of Pharmaceutical Chemistry	Analysis Parafest (soluble paracetamol) tablets High Chem Pharm. Ltd
41.	Dept of Pharmaceutical Chemistry	Analysis Aminidazol suspension 200mg/5ml, Panaceau Pharma Ltd
42.	Prof.E.G. Wagaiyu;	Health Workforce and Institutional Excellence Awards
43.	Dr.B.K Kisumbi	External examiner, Department of Conservative Dentistry &Prosthetics, Moi University
44.	Dr.T.Dienya	Gave a talk during the Continuous Professional Development Talk and hands on course to Kenya Dental Association Annual Scientific Conference and Exhibition at Panafric Hotel, Nairobi
45.	Dr.T.Osundwa	Offers clinical services in Gertrude's Children Hospital
46.	Prof. B. B. Estambale	External Examiner, AGA Khan University
47.	Prof. Walter G. Jaoko	External Examiner, University of Ghent, Belgium
48.	Dr. Beatrice Amugune	Invitation for March 2012 series of PPB Pre enrolment Examination
49.	Dr. Kennedy Abuga	Invitation for March 2012 series of PPB Pre enrolment Examination
50.	Dr. Amugune	Appointment to the KNH/UON-ERC Committee
51.	Dr. K. Abuga	Invitation for March 2012 series of PPB Pre enrolment Examination
52.	Dr.Peter Karimi	Invitation for PPB Pre-Registration Examination Marking
53.	Prof. Joseph Wang'ombe	World Health Organization - Short-term consultancy to support review of the impact to social determinants of health on health indicator status Contact person

### 14.15. FACILITIES AND INFRASTRUCTURE FOR LEARNING

Clinical teaching was conducted at the following facilities:

1. Kenyatta National Teaching and Referral Hospital which had a ward capacity of 2000 beds, clinics, operating theatres, laboratories pharmacies, accident and emergencies.
2. Pumwani Maternity with a ward capacity of 350 beds,
3. Mathari Hospital, Nairobi with a ward capacity of 700 beds.
4. Mbagathi District Hospital with a ward capacity of 200 beds.
5. Community outreach and decentralised training takes place in Mombasa, Garissa, Kisii, Karatina, Busia, Kajiado, Mwingi, Kitui, Kiambu, Muranga, Thika, Nyeri, Meru, Machakos, Embu, Kirinyaga, Naivasha, Bomet, Makueni and Sabatia.

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Facilities include teaching rooms/laboratories, outpatient clinics, operating theatres and other areas as shown in Tables 5, 6, 7, 8 and 9.

The library provided formal and informal opportunities for instruction through continuous user training, library guides, student orientation, library open days, and a physical and electronic help-desk.

- The library provides well planned and secure space for three hundred users which is adequate for college students in their clinical years of study. Those at pre-clinical level have direct and remote access to the Chiromo library.
- There are plans to extend library building by two floors, which will be used for expansion of e-resources in line with changing demand for e-based services.
- Besides the main College library, there are satellite libraries at the schools of Pharmacy and Dental Sciences
- The CHS library had 60,000 books in print format, 50,000 e-books and 3,000 e-journals.
- There are two computer laboratories equipped with 47 computers and internet connectivity, with 65 more computers which are in the process of being connected.
- The library had access to wireless internet connection for laptop use.

### 15.16. RESEARCH

The College endeavoured to attract funding, conduct research and publish research findings in relevant journals.

**Table 10: Research Output/Activities**

	2010	2011	2012
<b>Scientific Papers</b>	608	1128	297
<b>Research Funding</b>	604,300,000.00	848,000,000.00	1,330,000,000.00

**16.17. COMMUNITY OUTREACH**

In conforming with our core value on Corporate Social Responsibility (CSR), the College undertook community service such as medical camps and other community outreach programmes.

**Community outreach activities in 2012**

Period	2012
Number of Activities	93

Community outreach had be enhanced by bilateral and multilateral collaboration at varying levels such as the Kibera Based Psychiatry and counselling clinic, students organized visits by the School of Nursing Sciences as well as preventive and curative services to the community. The College regularly supports medical camps and provides subsidized mortuary services to the community.

The College continues to enhance promotion of individual health and lifestyle by establishing clinics for HIV /AIDS prevention, treatment and referrals among most at risk populations (MARPS) in Central and Eastern Kenya as one of the contribution towards the realization of Vision 2030. There are currently ten Dices and constituent clinics spread in the two regions.

Programmes such as Medical Education Partnership Initiative (MEPI) work with rural health facilities to facilitate students training in resource limited settings. Through MEPI, the College engages other strategic partners such as AMREF to increase access to training by healthy workers in hard to reach areas.