

AKUNGA DANIEL NYAGETIRIA, PHD

LECTURER AND PUBLIC HEALTH CONSULTANT

Languages: English & Kiswahili (All fluent) **Physical Data:** Height 5'4" weight 74 kg.

Career Aspirations

1. To be a practitioner, researcher and/or consultant with interests in health and environment development through the applications of mathematical and statistical modelling, monitoring and evaluation principles as well as management of interventions.
2. A commitment to ensuring improvement in lives and livelihoods of the poor and disadvantaged peoples using cutting edge technologies.
3. Continuous personal professional skills improvement in the development of interventions monitoring with an aim of addressing equity in development.

EDUCATIONAL BACKGROUND

PhD:		Kenyatta University	2009
	Thesis Focus:	Public Health	
M.Env.Sc		Kenyatta University	2003
	Thesis focus:	Environmental Health	
B.ed. (Hons)	Mathematics & Geography	University of Nairobi	1997

KEY QUALIFICATIONS

- Experienced in developing and implementing Monitoring and Evaluation Systems in Public health programs
- Experienced in designing and implementing research studies and surveys, including design of data collection tools, training, management of field activities & data management
- Experienced in report writing and statistical analysis and interpretation of data
- Experienced in application of various computer packages e.g. PowerPoint, Word processing, spreadsheet and statistical ones; Stata, SPSS and Epiinfo
- Experienced with Development of Service Delivery System.
- Experienced in stakeholder analysis and policy development reviews especially in water and sanitation projects

EMPLOYMENT HISTORY:

- 1) **Lecturer; Department of Environmental Health:** Kenyatta University (Founding

Member).

Responsibilities:

Research development in the area of Water and sanitation, disease modelling, community strategy co-ordination, and teaching courses like water supply and quality control, medical statistics, research methods, monitoring and evaluation , impact assessment, personal hygiene and sanitation among others

Responsibilities:

a) *Administrative Duties*

- Routine reporting to the Chair, Department of Public Health, Kenyatta University.
- Liaising with other departments at school of health sciences in coordination of E-learning
- Organizing and reporting of both undergraduate & graduate field project activities.
- Coordinating school of public health Exams

b) *Programming Tasks*

- Planning, scheduling and coordination of the masters graduate field research activities in the department of Environmental Health
- Designing and implementing evaluation tools for community-based research of student internships and project attachments.
- Designing information audit and management structure evaluation in the school of health sciences
- Vetting and evaluation of graduate research/thesis for the MPH research students
- Quality control for studies by the various research students
- Development of business plan and health curricula review & trainings at the department.
- Logical frame/logframe designing and evaluation indicators for the monitoring of the departmental strategic planning.

c) *Operational Tasks*

- Developing, including pre-testing, operational/research instruments such as questionnaires and any other data gathering instruments.
- Development of graduate research proposals in the area of public health systems and community-based operational researches at the department.
- Collecting research data.
- Analyzing and interpreting research results.
- Write-shops and research dissemination conference papers, working and occasional papers, and preparation of position papers for the department.
- Conducting students' research evaluations.

d) Capacity Building Tasks

- Building the capacity of stakeholder organizations in participatory evaluation practices.
- Building capacity for relevant stakeholders in environmental health systems.
- Training staff and students in E-learning through the Open Learning Institute (OLI).

Other Community Responsibility

2) Research and Dissemination-: Road Safety (2009 to Current)

- Responsible for monitoring and evaluation activities for Roless consultancy services focusing on the following sectors: Water and sanitation, Ecological sanitation, Health, Environment, Community development, and Human Resource Development and Education Sectors.
- Liaising with other sectors in setting and strengthening the M&E system using the UNDP's M&E Project Evaluation Matrix (PEM)

3) Community Development, Health Monitoring and Evaluations(2009 to current) Responsibilities:

a) Administrative Tasks

- Periodic supervision and management of ongoing projects including documentation, internal meetings and reporting activities.
- Supervising technical staff to facilitate smooth running of project activities.
- Seasonal reporting of the state of activities for running projects.

a) Programming Tasks

- Technical and scientific proposal writing and supervision of research execution
- Budgeting and other resource estimation for the implementation of project activities.
- Policy development and dissemination tools for running projects

b) Operational Tasks

- Meetings with stakeholders and synthesizing policy proposals and recommendations for onward transmission to relevant stakeholders.
- Regularly undertakes field visits to project sites.
- Project monitoring and evaluation of performance of technical assistants in project development process.

c) Training Tasks

- Preparation of training manuals and
- Conducting training for capacity building training programs

SELECTED ASSIGNMENTS AND CONSULTANCIES UNDERTAKEN

DATE	ORGANIZATION	DESCRIPTION OF ASSIGNMENT	RESPONSIBILITIES
Current	ACTIONAID	End Term Evaluation Malindi Local Rights program. This program focused on right to education, women and girl child rights, vulnerable groups, right to food, right to health and governance among others	Lead consultant
2011	APHRC	Water and sanitation program for Kenyan school environment	Associate Consultant
Current	JHU/WHO/MOPHS	International road Safety study	Lead Consultant
2011	AMREF	Terminal Evaluation: Ndagakarin Bomocha MCH project Formative Evaluation: Maternal sexual and reproductive health Rights for Turkana Women Formative Evaluation: Youth sexual and reproductive health rights In Turkana North district.	Lead consultant
2010	ACTIONAID	Formative Evaluation: Development Initiative – Sustainable Livelihood assessment for Khwisero rural communities in Western Kenya	Lead Consultant
2010	Partners for Progress	Community water and sanitation program initiative for the ASAL region	Lead Consultant
2009	ACTIONAID	Stigma Index: Action Research in Bumala Urban Centre	Lead consultant
2008	JICA	Terminal Evaluation: Blood safety system in Kenya	Co-consultant
2008	JICA	End-term Evaluation: SRMMU Project – Strengthening of Specialized Roads Maintenance Management System in Kenya; MoRPW/GoK/JICA	Technical Advisor
2007	JICA	Terminal Evaluation: SAMOKIKE Project – Strengthening of Safe water and sanitation System in Kisii and Kericho; MoH/JICA	Field Officer
2006	DFID - EHS	Baseline survey: Conducted Baseline Survey on Safe water and sanitation delivery points in Homa Bay; Migori; Kuria and Suba districts. Mar/April. Essential Health Services Programme:-EHS – DFID programme.	Field co-ordinator
2006	UNICEF	End-term: Evaluation of the School environment sanitation conditions in Northern Kenya Province. GOK/UNICEF.	Field Co-ordinator

SEMINARS, PAPERS AND CONFERENCES

March 2011: Attended A three days workshop on SITAN and DHS data Further Analysis in Kisumu Hotel organized by National Council for Children Services (NCCS) and Facilitated by UNICEF Kenya Country Office

October 2010: Attended a four day workshop on Understanding and Using Demographic and health surveys Held in Sopa Lodge Hotel Naivasha

JUNE 2008: Attended Campus of excellence Conference in Las Palmas Spain and presented a paper entitled “Estimating burden of childhood Diarrhoea disease from water sanitation and hygiene in Nairobi city: The case of four comparative scenarios.

APRIL 2007: Attended and presented a paper entitled “HIV/Aids and TB in Kenya. A prison Outreach Model to the Reproductive Health and HIV/Aids Conference held at KIE Nairobi.

APRIL 2005: Attended and presented a paper entitled “The Effect of Cultural Diversity on Effective and Efficient Utilization of Sanitation technologies among Kenyan rural communities” to the 2st International Workshop on Environmental Health Education in the Eastern Africa Region: Challenges and Way forward; held at KCCT Mbagathi.

MARCH, 2004: Attended and presented a paper entitled “Bacteriological quality assessment in four small man-made freshwater reservoirs in Kericho tea estates, Kenya” to the 1st International Workshop on Environmental Health Education in the Eastern Africa Region: Challenges and Way forward; held at Kenyatta University.

OCTOBER, 2003: Attended and presented a paper entitled “Assessment of Physical and Biochemical Parameters of Freshwater Pollution in Reservoirs in Kericho tea estates, Kenya” to the annual postgraduate Seminar held at Kenyatta University.

DECEMBER, 2002: Attended and presented a paper entitled “Nutrient-Chlorophyll-a dynamics in four private manmade reservoirs in Kericho tea estates, Kenya” to a Conference on sustainable agriculture held at Kenyatta University.

PUBLICATIONS AND BOOK REVIEWS

Akunga D.N (2004): Sampling and estimation of bacterial populations in the aquatic environment. In *Status of Environmental Health education in the eastern African Region: Opportunities challenges and the Way forward*, Joy pet Publishers, Nairobi.

Akunga D.N and Wamicha W.N (2004): Bacteriological Quality in Freshwater Reservoirs in Kericho Tea Estates in Kenya: Implications for Environmental Health Education. . In *Status of Environmental Health education in the eastern African Region: Opportunities challenges and the Way forward*, Joy pet Publishers, Nairobi.

Margaret N.M and Akunga D.N (2004) (Eds): Status of Environmental Health education in the Eastern African Region African Region: Opportunities challenges and the Way forward, Joy pet Publishers, Nairobi.

REFEREES.

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