

## RONALD MONGARE MICHIEKA

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Date of Birth: 1974 January 5<sup>th</sup>

Sex: Male

Nationality: Kenyan

Marital Status: Married

Number of children: 3

### Academic Qualification and Training:

1. Doctor of Philosophy (Candidate) - MMUST
2. Master of Education-Kenyatta University
3. B. Ed. Science (Hons) - Kenyatta University

### Other Certification

- Certificate on Technopreneurship for South Countries, ISTIC/TWAS; 2012
- Certificate in e-content Development, by ANSTI/UNESCO; 2008
- Certificate in Open and Distance learning material Development –British council/MMUST, 2008

### COMPETENCIES HIGHLIGHTS

#### Experience

- 24 years progressive experience in the field of Education teaching, training and consulting
- Thesis Supervision;
- Experience in developing proposals, managing donor contracts and relationships, delivering on obligations and a good awareness of donor requirements and priorities including LWF/DWS, HP Catalyst;
- Experience in working with others and people with diverse background;
- Strategic planning gained in developing University Departmental Strategic plan, Church Strategic plan (Racetrack SDA)
- Knowledge of and experience in developing curriculum.
- Proposal writing –winning proposals
- Conducting Research and training

#### Leadership Attributes

- Experience with managing & building teams in a multi-cultural and complex settings gained working with University staff and Students, Education management structures in refugee camps Kakuma and Dadaab in implementing MMUST-LWF Diploma training programme.
- Co-ordination skills gained from working with university staff and supervision of over 150 staff/students on internship (School Practice).
- Networking skills and cultural and political sensitivity in maintaining relationships with key actors including partners such as LWF, Windle International Kenya and UNHCR;
- Communication as evident from publications in refereed Journals

## PUBLICATIONS

1. **Michieka, M. R. and Wasike, D.W;** Effectiveness of Micro-science kits in teaching primary science in Kenya. *Journal of Education and Social Sciences. Volume 1; Issue 1; June 2011. Pp 111-116.*
2. **Wasike, D.W and Michieka, M. R.;** A program for understanding statistics in Kenyan secondary schools. *Journal of Education and Social Sciences. Volume 1; Issue 2; October 2011. Pp 61-67.*
3. **Michieka, M. R. and Twoli, N.W;** Using Micro-science kits in teaching Primary school science in a developing country, Kenya. *Paper presented in International Conference on Education organized by Kenyatta University and Syracuse University. August 2009*
4. **Wanyonyi, Mark; Michieka, M.R and Omolo, V.;** Assessment of student's understanding of chemical bonding concepts in secondary schools in Bungoma West District, Kenya. *Global Journal of Management, Science and Technology. Vol.1 issue 3, 2012. Pp99-106*
5. **Mulavu, Wycliff Garanja, Michieka, M.R and Omolo, V.;** Effect of Using Molecular Models on student's achievement scores in structure and chemical bonding in Kenyan public secondary schools. *Global Journal of Management, Science and Technology. Vol.1 issue 3, 2012. Pp13-18*
6. **Mwendwa, K.A.; Toili, W; Michieka, M.R; Edome, P and Agevi, H.:** An analysis of secondary school Biology and Chemistry curriculum and KCSE exams in relation to Environmental Education. *East African Journal of Engineering, Science and Technology. Vol.1 No. 1 2012 ISSN-2219-8598*

## WORK EXPERIENCE

**University Lecturer and Coordinator Centre for Refugee Studies Masinde Muliro University of Science and Technology, August 2008 to date**

### Position summary

As a university lecturer attached to the Department of Science and Mathematics Education am directly answerable to the Chairman of Department for the assigned duties of Teaching, Research and supervision of students. As a science educator all science students specially those aspiring to teach Chemistry and science teachers for primary schools and Early Childhood are under my care and supervision.

As a lecturer I have a duty to ensure the achievement of the university goals and Part of which are extension services like the Refugee Teacher Education Programme

### More specifically the duties and responsibilities include the following

- To ensure the courses assigned to me are taught and covered on schedule
- To supervise, graduate students' projects and Thesis.
- Responsible for the overall project management, financial management, administration, personnel, supervision and implementation of the Kakuma and Dadaab Refugee Teacher Education Programme (in Kakuma and Dadaab Refugee Camp) in accordance with the relevant and current project agreements (and MOUs where relevant) with related agencies and back donors, and in accordance with the current policies, Codes of Conduct and strategies of the MMUST-LWF/DWS Kenya Programme.
- Responsible for the Development of the Diploma in Primary Education curriculum
- Assisting the university with resource mobilisation by developing a fundraising strategy, generation of project proposals and greater inclusion of local volunteers in the projects.

- Responsible for development of work schedules and teaching time tables
- To ensure that appropriate systems, procedures and controls are in place and are used in the effective management of human (staff), financial (funds) and physical (supplies & assets) resources.

## **SUPERVISIONS**

### **MASTERS THESES**

1. Evaluation of students' understanding of structure and chemical bonding concepts in secondary schools: a case of Bungoma West District, Kenya. Masters thesis by **Mark Wanyonyi (2010)**
2. An investigation of students' related factors that affect achievement in secondary school Biology practicals in Teso District-Kenya. Masters thesis by **Phelistus Waititwa(2010)**
3. Effect of using molecular models on students' understanding of structure and bonding in Kenyan public secondary schools. Masters Thesis by **Wycliffe Mulavu (2011)**

### **PROJECTS**

1. Assessment of water, hygiene and sanitation in public primary schools in Nakuru municipality. Project report by **Sabellah Mochire (2007)**

**Lecturer TSC –Kisumu Polytechnic, January 2002 to August 2008**

### **Position Summary**

This position was tasked with Teaching, Supervising and Training Diploma trainees in Analytical Chemistry and Science Laboratory Technicians

### **Responsibilities**

- i.Supporting the Chairman and Principal to develop, coordinate and work to make their organizational structures effective, efficient and sustainable.
- ii.Training of trainees
- iii.Assisting the organisations with resource mobilisation by developing a fundraising strategy, generation of project proposals and greater inclusion of local volunteers in the projects.

### **INTERESTS**

1. Traveling.
2. Guidance and Counseling
3. Scrabble
4. Spiritual and Academic reading

### **MEMBERSHIPS OF PROFESSIONAL ORGANISATIONS**

Member, Kenya Chemical Society

### **REFEREES**

Richard Twalwa

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### **NAIROBI**

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**NAIROBI.**