

CURRICULUM VITAE

Name
Date of birth
E-mail
Gender
Marital status
Religion
Address
Telephone
Nationality

SAMUEL MUTURI GITHU
7th January 1976
smuturi@uonbi.ac.ke
Male
Married
Christian
P.O. Box 224-10204 Kiria-ini
Mob: 0721116305
Kenyan

OBJECTIVE

To use interpersonal relations, broad knowledge and skills for the benefit of the society and my prospective employer as I develop my skills

OCCUPATION

Technologist ABC (University of Nairobi)

WORK EXPERIENCE

Date
Position
Institution
Duties/responsibility

August 2016 to date.

Technologist ABC

University of Nairobi (P.O. Box 29053, Nairobi)

- General laboratory management and organization
- Participation in research and practical demonstration for proximate analysis, minerals determination and digestibility
- Preparation of practical's in proximate analysis, minerals determination and digestibility for teaching undergraduate and post graduate students
- Work in nutrition and quality control unit which involves sample analysis for, proteins and lipids
 - fat extraction (sohxlet method)
 - protein digestion and distillation (Kjedahl method)
 - mineral determination using atomic spectrophotometry
 - crude fibre analysis (*in-vitro/in-vivo* and *van-soest* techniques)

Date
Position
Institution
Duties/responsibility

May 2010-July 2016

laboratory technician

Nyeri Technical Training Institute

Teaching and providing technical support for diploma and certificate students in their theory and project work

Date
Position
Institution
Duties/responsibility

March 2005-Nov 2009

Laboratory assistant

Mucharage secondary school (Othaya)

- Preparing, setting and assisting students in practical lessons
- Preparing and setting practicals for exams.
- Acting as a librarian

Date/Position
Institution
Duties/responsibility

May 2001-July 2001
Internship and training
Kenya Bureau of Standards
Working in quality assurance laboratories as an attachée

Date/Position
Institution
Duties/responsibility

Jan 2002- March 2002
Internship and training
Kenyatta university
Attachée in chemistry department laboratories

EDUCATION & TRAINING

Date
Institution
Course
Award
Skills covered

August 2008-March 2010
Kenya Technical Teachers College
Diploma in Technical Education
Second class Honours
Methodology in technical education

Date
Institution
Course
Award
Skills covered

Jan 2000- Nov 2002
Murang'a college of technology.
Diploma in Analytical chemistry
Credit pass (Kenya
National Examinations Council)

SCHOOL

Date
School Results

Jan. 1994- Nov. 1999
Murang'a High Secondary
School
B-(Minus) Kenya National Examinations Council

Computer Skills

Competent with Microsoft Office programs e.g.
Microsoft Word, Microsoft Excel, Microsoft PowerPoint and Microsoft Access

Occupational Skills

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Teamwork: While at Nyeri technical Training Institute, I was able to achieve 80% pass rate in national exams and also guide trainees in co-curricular activities up to national level

Personal Interests

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Driving (Class ABC)
Football, Rugby and Boxing
Reading science journals, research abstracts and newspapers

REFEREES

1. Mr . Bernard Kareru Karoki
Nyeri Technical Training Institute
BOX 657-10100, Nyeri
Cell No. 0722255927
Email address; bkaroki@gmail.com

2. Mr. James Mwangi Njogu
Kiambu Institute of science and Technology
P.O Box 43844-00100, Nairobi
Mobile; 0721570221
Email address; njgmwangi54@mail.com

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OCCUPATION

WORK EXPERIENCE

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ried
Christian
P.O.Box 38Shiyalu
020-631117, Mob:0714725425
Kenyan

To use interpersonal relations, broad knowledge and skills for the benefit of the society and my prospective employer as I develop my skills

Senior Technologist DEF (University of Nairobi)

3rd September 2007 to date.

Senior Technologist DEF

University of Nairobi (P.O. Box 29053, Nairobi)

- General laboratory management and administration/Ag chief Technologist
- In charge of molecular genetics and genomics unit
- Participation in research and practical demonstration of molecular fingerprinting techniques: e.g. PCR, DNA extraction and quantification
- Preparation of practical's in Biochemistry and Mol. Biology for teaching undergraduate and post graduate students
- Work in Biochemistry/nutrition and quality control unit which involves sample analysis for sugars/carbohydrates, proteins and lipids
 - fat extraction (sohxlet method) and quantification (GLC method)
 - protein extraction and quantification (Kjedahl method and spectrometry)
 - amino acid quantification using high power liquid chromatography (HPLC)
 - mineral determination using atomic spectrophotometry
 - crude fibre analysis (*in-vitro/in-vivo* and *van-soest* techniques)

March 2007-Sept 2007

Research Assistant

Moi University (P.O. Box 3600, Eldoret)

Teaching and providing technical support for PhD and Msc. Students in their research work (gen transformation and molecular fingerprinting techniques)

May 2006-March 2007

Research Assistant

Kenya Agricultural Research Institute KARI (Njoro Campus)

- Participation in research work using fingerprinting techniques in gen transformation and polymorphism I of which funded by Rockefeller and International Atomic Energy Agency (IAEA).
- Assisted post-graduate students in their research work using polymerase chain reaction (PCR), Tissue culture techniques

Date/Position
Institution
Duties/responsibility

May 2005-Dec. 2006
Intern Technologist at the School of Medicine, Biochemistry
Department **Moi University**
Preparation and conducting biochemistry practicals for medicine and
environmental health students

Date/Position
Institution
Duties/responsibility

Aug. 1998- Dec. 2000
Internship and training
Kenya Medical Research Institute (KEMRI) (P.O. Box 1578, Kisumu) -
Carried out research projects on prevalence and resistance of
Entamoeba histolytica in Kisumu West and presented to Kenya
National Examination Council for award of a diploma in applied
sciences

EDUCATION & TRAINING

Date
Institution
Course

Sept. 2011 to date
University of Nairobi
MSc. Biotechnology and Bioinformatics

Date
Institution
Course
Award
Skills covered

May 2001-Dec. 2005
Jomo Kenyatta University of Agriculture and Technology BS
c. Biochemistry and molecular Biology
Second Class Honours Upper Division
Biochemical and Molecular Biology Analytical Techniques

Date
Institution
Course
Award
Skills covered

Jan. 1997- Dec. 1999
Rift valley Technical Institute (Eldoret Polytechnic)
Diploma Applied Science (Biology)
Pass (Kenya National Examinations Council)
Laboratory analytical techniques

SCHOOL

Date
School Results

Jan. 1991- Nov. 1994
Bushiangala Secondary School
B-(Minus) Kenya National Examinations Council

PERSONAL SKILLS & COMPETENCE

Computer Skills

Competent with Microsoft Office programs e.g.
Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Access and
Publisher. Linux/Ubuntu

Occupational Skills and Competence

Teamwork: While at Moi University in conjunction with PhD researchers
from Kenya Agricultural Institute, I was able to set a modern Biotechnology and
Molecular Biology Laboratory and I have done the same at the University
of Nairobi

Personal Interests

- Driving (Class ABC)
- Research proposals and thesis report writing
- Football, Rugby and Boxing
- Reading science journals, research abstracts and newspapers.
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REFEREES

1. **Prof. B. NMITARU** University of Nairobi University of Nairobi Faculty of Vet. Medicine Faculty of Vet. Medicine Box 29053-
2. **Dr. Joel Ochien'g**

00625,NairobiBox 29053-00625, NairobiTel:
020631117Mob.0722784241 Mob.0711121359
3.ProfMiriamKinyua(MoiUniversity)
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