

CURRICULUM VITAE

Roselyn Adhiambo Ongulu

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PERSONAL DETAILS

Date of Birth : December, 10th 1968
Marital Status : Single
Nationality : Kenyan
Language : Kiswahili, English
Working condition : Can work with minimum supervision
Interpersonal skills : Excellent
Hobbies and interest : Reading, watching soccer and traveling

PROFESSIONAL EXPERIENCE

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

- Lecturer- November 2016 to date, I am also the teaching practice Zone coordinator of Kisumu Zone.
- Assistant lecturer and Representative Departmental postgraduate studies committee 2014 to 2016 (Nov)
- Assistant lecturer and Exams/ Time table coordinator 2011 to 2013.
- Administrative Assistant (Registrar Admin)- June 2010-August, 2011

TEACHER'S SERVICE COMMISSION

Teacher: 1993 to 2010

EDUCATION

- **Doctor of Philosophy in chemistry, (Analytical)** University of Eldoret. **2016**
- **Master of Philosophy in Chemistry (Analytical)**, Moi University, Eldoret, Kenya– Sept 2005- Dec. **2008**
- **Certificate in information Technology I**-Sigotop career Development college- Kisumu-January-march **2007**

- **Bachelor of Education** (Science), Chemistry and Mathematics (2nd Class Honors, Upper Division) Moi University, Eldoret, Kenya, **2005**
- **Diploma in Education** (Science), Chemistry, Mathematics and Physical Education (Credit). Kenya Science Teachers College, Nairobi, Kenya **1993**
- **Kenya Advanced Certificate of Education**, Mathematics, Chemistry, Biology and General Paper (2 principles, 1 subsidiary). Misikhu Girls High School. Bungoma, Kenya. **1987**
- **Kenya Certificate of Education**, Butere Girls High School, Butere, Kenya, **1985**
- **Certificate of primary Education**, Manyala Primary School, Butere, Kenya. **1981**

Administrative and leadership positions

- Teaching practice zone coordinator of Kisumu Zone (Kisumu, Kericho, Siaya and Bomet counties) – 2017 to June 2019
- Exam/time table coordinator- August, 2011 to August, 2013
- Departmental Graduate school committee Co-chair - May 2015 to date
- Academic Adviser for –September, 2014 to date
- A member of the board Manyala Secondary school-2016 to date
- A member of the Mothers Union at St. Stephens Cathedral
- A member of Soroptimist International (Mentorship chair) 2017 to date

GRANT/FUNDING

1. NACOSTI: Kinetics of metal pollutants biosorption in Lake Victoria and its environs using *Moringa oleifera* seed powder (PhD funding).
2. NRF(2016/2017 financial year): Use of locally available plant resources for phyto-remediation of potable contaminated water by endocrine disrupting chemicals (9,000,000). PI: Dr. Joel Gichumbi

Publications

Master of Philosophy Research Thesis

“A study of Heavy metals, phosphorus and nitrogen contamination in water and sediments in the Chemelil Sugar Belt”

PhD Research Thesis

Kinetics of metal pollutants biosorption in Lake Victoria and its environs using *Moringa oleifera* seed powder (funded by NACOSTI)

Onchiri R, Mayaka A, Majanga A, **Ongulu R**, Orata F, Getenga Z.M, Gichumbi J.M, Ogora. Phthalate Levels in Wastewater Treatment Plants of Lake Victoria Basin. *Applied Ecology and Environmental Sciences*, 2021, Vol. 9, No. 12, 1011-1017

Ongulu, R. A., Kituyi, J. L. and Getenga, Z. M. (2015). Biosorption of Pb^{2+} and Cr^{2+} using *Moringa oleifera* and their isotherms. Science journal of Analytical chemistry. ISSN 2376-8053, 100-108

Ongulu, R. A., Kituyi, J. L. and Getenga, Z. M. (2015). Assessment of the pollution impact in the Winam Gulf. International Journal of Scientific & Engineering Research. 6 (10): 1374-1386.

John L. Kituyi, Mike Foulkes, Paul Worsfold, **Roselyn A. Ongulu** Ayabei Kiplagat, Anthony Gachanja. (2013). Efficiency of pre-treated *Moringa oleifera* for the removal of Cd^{2+} and Zn^{2+} ions from wastewaters. ELSEIER, Ecohydrology & Hydrobiology 13, 267–271.

Gichumbi, J.M, Maghanga J.K, Cheshari, E.C, **Ongulu, R.A** , Gichuki, J.G. (2012). Comparison of Chemical and Mineralogical Properties of Geophagic Materials from Taita and Mombasa, Kenya. International Journal of Scientific & Engineering Research, Volume 3, Issue 10, ISSN 2229-5518

Ongulu, Roselyn A., Kituyi, J. L, Mitei, Y and Maghanga, Justin(2010). Fate of fertilizers and impact to the ecosystem in the Chemelil Sugar Zone-Kenya. **JAPAST. (ISSN 2073-8749)** Printed by Moi University Press

Ongulu, Roselyn A., Kituyi, J. L, Mitei, Y and Maghanga, Justin (2010). Impact of farming practices on water Quality in the Chemelil Sugar Belt-Kenya. **JAPAST. (ISSN 2073-8749)** Printed by Moi University Press,

Professional Organization

- Member of the Kenya Chemical Society
- A member of INWES

Seminars and Conferences Attended

- July 2019: 21st Soroptimist international convention in Kuala Lumpur-Malaysia.
- October 2017: ICWES Conference in New Delhi India.
- June 2016: A workshop on chemical security (Royal Swiss Hotel Kisumu).

- November 2012: PACN Conference on Agricultural productivity, water and waste in **Addis Ababa, Ethiopia**. Poster presentation; Assessment of pollution and its impact in the Chemelil Sugar Belt.
- June 2012: workshop on proposal writing sponsored by AuthorAid and RSC at University of Nairobi.
- November 2011: Conference at JKUAT and presented two papers.
- August 2011: GC-MS workshop at JKUAT sponsored by RSC and PACN.
- May 2011/3/4/5/6: Workshop on assessment of students on teaching practice at Masinde Muliro University of Science and Technology.

REFEREES

Prof. Francis O. Orata

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Prof. J. K. Lusweti

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Chuka University

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