

BUYELA DANIEL KHASABULLI.

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EDUCATION

SECONDARY EDUCATION

1991-1994-Chesamisi High School K.C.S.E obtained a C+.

PRIMARY EDUCATION.

1982-1990-Misikhu R.C primary school. K.C.P.E obtained 81 points out of a maximum of 84.

PROFESSIONAL QUALIFICATION

PhD in Microbiology- (Maseno University, Kenya) ongoing

Master of Science (M.Sc.) in Microbiology. Maseno University, Kenya.

B.Sc (Biology) - Second Class Honours, Upper Division-Masinde Muliro University of Science and Technology.

Higher Diploma in Applied Biology-Technical University of Kenya.

Diploma in Applied Biology-Rift Valley Technical Training Institute.

RESEARCH EXPERIENCE

1. Soil microbiology
2. Plant pathology
3. Allelopathy
4. Climate change mitigation
5. Greenhouse gases

TEACHING EXPERIENCE

2004-date; Teaching undergraduate practical lessons

HONORS AND AWARDS

A beneficiary of multi-disciplinary project funded by National Research Fund (NRF)-
Maseno University fund for PhD (2018)

A beneficiary of National Commission for Science, Technology and Innovation
(NACOSTI) fund for my master's project.

PROFESSIONAL MEMBERSHIP

SKILLS AND TRAINING

- October-2011-Basic fire safety Management skills at Maseno University.
- September 2014 – Rocky Driving School. Trained for classes BCEFG

LEADERSHIP EXPERIENCE

Senior technologist department of Botany maseno University
Chairman department of Botany ISO committee, Maseno University.

CONFERENCES AND WORKSHOPS

1. Attended Kibabii University Faculty of science stakeholders workshop on designing of new programs.
2. Attended a fire safety training at Maseno university
3. Attended a laboratory safety workshop at Maseno university Kisumu hotel

PUBLICATIONS

1. Dennis Simiyu Wamalwa, Phoebe Anyango Sikuku, Godfrey Wafula Netondo and **Buyela Daniel Khasabuli (2019)**. Influence of NPK Blendended Fertilizer Application on Chlorophyll content and Tissue Mineral content of Two Finger Millet Varieties Grown in Acidic Soils of Kakamega, Western Kenya. *International Journal of plant and Soil and Plant Science*, 27(4):1-9.
2. William Omuketi Emitaro, David Mutisya Musyimi, Darius Andika Otiato and **Buyela Daniel Khasabuli (2018)**. Antibacterial effect of *Euphorbia hirta* and *Bidens pilosa* extracts against *Xanthomonas campestris* pv *vesicatoria* isolated from diseased african nightshade (*Solanum scabrum*). *International Journal of Mycology and Microbiology*, 7:1-6.
3. **B.D.Khasabulli**, D.M. Musyimi, O. George and M.N. Gichuh (2018). Allelopathic Effect of *Bidens Pilosa* on Seed Germination and Growth of *Amaranthus Dubius*, *Journal of Asian Scientific Research*, 8(3): 103-112.
4. **Buyela D. Khasabulli**. David M. Musyimi, David M. Miruka, George T. Opande and Pascaline Jeruto (2017). Isolation and characterisation of *Ralstonia solanacearum* strains of tomato wilt disease from maseno, Kenya. *Journal of Asian Scientific Research*, 2017, 7(9): 404-420
5. David M. Musyimi, George T. Opande, Jane Chesire, Phoebe A. Sikuku and **Daniel K. Buyela (2017)**. Antimicrobial potential and screening of phytochemical compounds of *Lantana camara* Linn. *IJRDO-Journal of Biological Science*, 3(6): 18-35.
6. Opande G.T, Musyimi D.M, Kipruto L. C, Jiveri B.K and **Buyela D.K (2017)**. Antimicrobial activities of crude leaf extract of *Solanum nigrum* on *Fusarium oxysporum* and *Pseudomonas syringae* cultures in Maseno (Kenya). *Journal of Asian Scientific Research*. 2223-1331
7. George T. Opande, David M. Musyimi **Daniel K. Buyela** and Osunga J. Ouko(2017). Some Pathogenic Bacteria Associated With Fresh and Smoked Nile Perch (*Lates Niloticus*) In Luanda Market, Vihiga County (Kenya). *International Journal of Pharmaceutical Science Invention* 6 (7): 13-17
8. Jeruto, P., Arama, P. F., Anyango, B., Akenga, T., Nyunja, R., **Khasabuli, D.** and, Kamundia, J.(2016). *In vitro* antifungal activity of methanolic extracts of different *Senna didymobotrya* (FRESEN.) H.S. IRWIN & BARNEBY PLANT PARTS. *African Journal of Traditional and Complementary Alternative Medicine* (2016) 13(6):168-17

9. C. M. Mutebi, G. O. Opande, P. F. Arama and **D. Buyela (2015)** Reviewing the Case of Sustainable Management of Water Hyacinth in Lake Victoria, Kenya Maseno University Journal.1:238-244
10. Musyimi D.M, Kahihu, S. W., **Buyela, D.K.** and Sikuku, P.A. (2012). Allelopathic effects of Mexican sunflower [*Tithonia diversifolia (Hemsl) A. Gray*] on germination and growth of Spiderplant (*Cleome gynandra L.*). Journal of Biodiversity and Environmental Sciences. 2(8): 26-35.
11. Musyimi D.M, J.K. Chemisto and **D.K. Buyela** (2012). Growth and physiological response of African nightshades (*Solanum scabrum Mill.*) to Sodium chloride salinity stress. Global Advanced Research Journal of Food Science and Technology. 1 (4): 066-073.