


Daystar University Staff Profile: Mburu, Faith Wambui.

1. Name:	<ul style="list-style-type: none">• Mburu, Faith Wambui,• Member of Faculty, Department of Science and Engineering, Daystar University• Lecturer of Biological Sciences
2. Passport photo:	 A passport-style photograph of Faith Wambui Mburu. She is a woman with dark hair pulled back, wearing a black and white patterned short-sleeved top and a pearl necklace. She is looking directly at the camera against a plain white background.
3. Job Title and Responsibilities:	<p><i>Lecturer, Dept. Science & Engineering, School of Science, Engineering and Health, Daystar University:</i></p> <ul style="list-style-type: none">• preparation of teaching material and mode of delivery; setting examinations; assessment of student performance;• Curriculum review of programs hosted in Dept. of Science and Engineering;• Course coordination for BSc. Environmental Health: advise HOD on course projections, plan field exposure and laboratory work for students; manage indexing of students with the Public Health Officers and Technicians council (PHOTC) – the regulatory body.• Offer mentorship and student advisory.
4. Biography:	<ul style="list-style-type: none">• I am a biologist who has been teaching in tertiary level since May 2008. I love to break down biological principles to the level a learner will be able to relate with; to create understanding in matters of health. I have grown in the areas of environmental science and environmental health through the course of time through much study and exposure. I am a team player and enjoy cooperating together with my colleagues in managing tasks. I love to take my students on exposure trips and camping experiences. I am skilled in laboratory work to do with biological studies, computer literacy and in teaching. My satisfaction comes when a learner reaches the ‘aha’ moment or ‘eureka’.

<p>5. Academic Qualifications:</p>	<ul style="list-style-type: none"> • MSc. Applied Parasitology (2007) Thesis: Antileishmanial activity of <i>Acacia mellifera</i> against <i>Leishmania major</i>. Kenyatta University, Nairobi. Supervised by Prof. E. Kabiru, Dr. C. Mutai and Dr. W. Tonui. • BSc. Biology (2003) University of Eastern Africa, Baraton. <i>Magna cum laude</i>. • Diploma in Christian Ministry (2011) Kingdom Academy, Nairobi. • Certificate in Environmental Impact Assessment /Environmental Audit (2014) Africa Nazarene University. • Kenya Certificate of Secondary Education (1998) The Kenya High School.
<p>6. Research Interests:</p>	<ul style="list-style-type: none"> • Interests in control of parasitic infections through use of herbal extracts in our localities; Interests in malaria control within urban settings
<p>7. Publications:</p>	<p>Publications:</p> <ul style="list-style-type: none"> • Mutai, C. K., Mburu, F.W., Tonui, W.K., Rono, M.K, Vagias, C., Roussis, V., Keter, L., and Rukunga, G.M. (2008) <i>In vitro</i> anti-leishmanial effect of crude extracts and pure compounds from <i>Acacia mellifera</i> (Vahl.) Benth. <i>East African Journal of Botany</i>, Vol. 1. ISSN No. 18107826. • Kinuthia, G., Ngure, V., Kamau, L, Di, B., Lugalia, R., Wangila, A., Ngari, F., Mburu, F.W., and Kiarie, M.W. (2017) Survey of urban mosquitoes species (Diptera: Culicidae) with focus on waste water channels as larval habitats in Nairobi industrial area, Kenya. <i>Africa Journal of Health Sciences</i>, 30(2): 120-138 <p>Professional Development:</p> <ul style="list-style-type: none"> • The Lausanne Creation Care Network – East and Central Africa Regional Conference on Creation care and the Gospel, 17-21 May, 2015 • August 2014: National Biosafety Conference • March 2012: Integration of Alcohol and drug abuse control into the curriculum, Daystar University. • March 2010: Quality assurance in Higher Education • August 2009: Facilitating critical reflective thoughts in students, Center for Excellence in Teaching and Learning (CETL), Daystar University.
<p>8. Classes you teach:</p>	<p><i>Biological and Environmental health Classes:</i></p> <ul style="list-style-type: none"> • Parasitology, Medical Protozoology, Microbiology, Helminthology, Biology (a General Education course); Environmental Impact Assessment

	(EIA); Environmental Science (General Education course); Botany; Zoology; Nutrition, Food Safety and Hygiene; Occupational Health, Safety and Hygiene, Liquid and Hazardous Waste Management; Communicable and Non-Communicable Diseases
9. Other relevant links:	<i>None</i>
10. Official Contact Details:	<ul style="list-style-type: none">• fmburu@daystar.ac.ke• 0721-460806