## MUYOMA PAUL WANJALA (B.Sc., M.Sc., Ph.D.)

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## **Career Summary**

I am a Scientist with expertise in student teaching and management, research work, course and curriculum development. Having handled both junior and management roles, I have perfected my skills in student leadership, operational efficiency, data management, monitoring and evaluation. I have worked in the academic sector for more than 12 years and in the industrial sector for 9 years, ensuring compliance with institutional processes and procedures across departments. As a registered Environmental Scientist of USA (National Registry of Environmental Professionals), my expertise has exposed me to both local and international backgrounds, where I have efficiently interacted to benefit both my academic and professional skills. I can comfortably handle various levels of leadership as shown from my roles.

## My goa

My essential goal as an environmental scientist is to discover innovative ways to save and improve how humans use energy and natural resources.

## **Core Competencies**

- Student Management & Supervision
- Teamwork & Coordination
- Process Auditing
- Data Collection & Analysis

Leadership/Administrative Role

- Experimentation
- Goods Inspection

## **Technical Proficiency**

• MS Packages (Excel, Database, PowerPoint, Word)

- Training Skills & Safety (ISO Champion)
- Laboratory Operations
- Research Planning & Publication
- Soil Analysis
- Team Leadership
- University Teaching
- Quality systems (ISO)

NO	Description	Institution	Year	Role
1	Departmental Coordinator of industrial attachment and field courses in the School of Pure and Applied Sciences	Bomet University College	2024 to date	Coordinate Academic matters of Industrial attachment and Field Courses in the Department of Physical and Biological Sciences under Deans Office
2	Departmental Coordinator Physical and Biological Sciences	Bomet University College	2021	Coordinate Academic matters in the Department of Physical and Biological Sciences under Deans Office
3	Publicity Officer	Moi University	2021	Representative of School of Science – Foster publicity of Moi University
4	Internal Auditor (ISO 2009 2015 Processes)	Moi University	2016 to 2021	Auditor of processes at Moi University
5	ISO Champion (School of Science)	Moi University	2012 to 2018	Implementation of ISO Standards in School of Science

## **Work Experience**

LECTURER | Biological and Environmental Sciences – Bomet University College, (A constituent College of Moi University) (5<sup>th</sup> February 2021– Present)

## **Key Responsibilities**

• Facilitate research work; lecturing, handling curriculum preparation and its revision when need arises. Oversee the preparation of course outlines, student evaluation and examination. Carry out research. Publication.

GRADUATE TEACHING ASSISTANTSHIP – University of Port Harcourt, Nigeria (July 2017 – Jan 2020) World Bank Centre of Excellence in Oil Field Chemicals Research [ACE-CEFOR] Scholarship

## **Key Responsibilities**

• Lecturing, examining students (assignments, quizzes, CATs and final examination) and marking the CATs, assignments and examination; and submitting them to the department for moderation and proof-reading.

### PART-TIME LECTURER | Zoology – Moi University, Kenya (Jan 2016 – 5<sup>th</sup> February 2021)

#### **Key Responsibilities**

• Facilitate research work; lecturing, handling curriculum preparation and its revision when need arises. Oversee the preparation of course outlines, student evaluation and examination.

### LABORATORY TECHNICIAN – Moi University, Kenya (Nov 2012 – 5<sup>th</sup> February 2021)

### **Key Responsibilities**

• Participate in research activities in the laboratory; organizing, conducting and supervising practical demonstrations for undergraduate and post graduate students.

#### PART-TIME LECTURER | Zoology – Kibabii University, Kenya (May 2017-July 2017)

#### **Key Responsibilities**

• Facilitate research work; lecturing, handling curriculum preparation and its revision when need arises. Oversee the preparation of course outlines, student evaluation and examination.

## PART-TIME LECTURER | Zoology – Laikipia University, Kenya (09/01/2017)

#### **Key Responsibilities**

• Facilitate research work; lecturing, handling curriculum preparation and its revision when need arises. Oversee the preparation of course outlines, student evaluation and examination.

### ASSISTANT SHIFT CHEMIST - Corn Products International Kenya (Jan 2003 - Sept 2012)

#### **Key Responsibilities**

Acted as quality authority in a shift ensuring that products were compliant to quality standards.

## TUTOR - Kenya Institute of Applied Sciences (Jan 2012 - Sept 2015)

#### **Key Responsibilities**

• Lectured on Pharmacology, Toxicology and Microbiology courses.

## **Work Accomplishments**

- Session Chair, 2<sup>nd</sup> Bomet University College International Conference (Year 2022)
- Coordinator Physical & Biological Sciences in School of Pure & Applied Sciences [2021 to date] (Bomet University College)
- Participated in the successful implementation of ISO 9001-2015 as the Internal Auditor, Moi University.
- Ongoing implementation of ISO Standards (9001-2015) in the Department of Biological Sciences, Moi University.
- Member Curriculum Review and Development in School of Biological and Sciences, Moi University (Technical staff representative).
- Participated in the successful implementation of ISO Standards (9001-2008) in the Department of Biological Sciences, Moi University.
- Successfully handle the secretary role of Biosafety committee and technical staff in School of Biological and Physical Sciences, Moi University.
- Chair firefighting team and First Aid team in School of Biological and Physical Sciences, Moi University, where I facilitated acquisition of firefighting equipment.
- First aider at work; yet saved lives. Participated in intercompany competition and achieved the 2nd position overall.
- Participated in the successful implementation of ISO 9001-2000 at CPC under the Quality Assurance Manager and carried routine surveillance audits.

## **Education**

Post-doctoral position: University of Eldoret: Extension of PhD Research work – University of Eldoret, Kenya | December 2021 – December 2023

## PhD in Environmental Microbiology (World Bank Centre of Excellence in Oil Field Chemicals Research [ACE-CEFOR]

Scholarship) - University of Port Harcourt, Nigeria | July 2017 - Jan 2020

Masters in Environmental Biology – Moi University, Kenya | 2013 – 2016

Bachelor of Science - Moi University, Kenya | 2009 - 2012

Higher National Diploma - Eldoret National Polytechnic | 2007 - 2008

National Ordinary Diploma – Eldoret National Polytechnic | 2000 – 2003

### **Professional Training**

Trial-run of the BSc course "Introduction to Nematology", NEMADUSA Project, Moi University, Eldoret, Kenya, 1<sup>st</sup> to 6<sup>th</sup> July 2023.

- Short Course in Molecular Biology. DNA Extraction, Amplification and Sequencing. Data Management in Molecular Biology, Awarded Certificate of Achievement – Collaboration of Ghent University UK, Moi University Kenya, Kringloop Labs Initiative under the programme of International Plant Biotechnology Outreach March 2023
- GODAN Online Course in Data Management in Agriculture and Nutrition, Certificate of Achievement Collaboration
  of GODAN Action UK, Wageningen Environmental Research, AidData, CTA, FAO, GFAR, IDS, Land Portal & ODI | July
  2018
- Certified Environmental Scientist National Registry of Environmental Professionals USA, Reg No: A2159 | April –
- Online Training in Feeding a Hungry Planet: Agriculture, Nutrition and Sustainability, Certificate of Distinction –
   SDG Academy | April June 2018
- Internal Quality Auditing Transition Course Kenya Bureau of Standards, ISO 9001 2008, ISO 9001 2015 | Feb 2016
- Basic Fire Fighting Skills Moi University | April 2013
- Occupational First Aid Course Kenya Red Cross, REF NO: 4686 | Dec 2011
- First Aid at Work St John Ambulance No: 093964 & 13910 | Jan 2010 & June 2005
- Certificate in Computer Applications; Windows Operations, Ms Word, Ms Excel | July Sept 2002

### **Conferences and Workshops Attended**

- Bomet University College 4<sup>th</sup> International Conference. Presenter. 2025
- DAAD Alumni Workshop in Bomet. Theme: Greening Africa into prosperity. 25<sup>th</sup> 27<sup>th</sup> October 2024
- Bomet University College 23<sup>rd</sup> International Conference. Presenter. 2023
- DAAD Alumni Workshop in Bomet. Theme: Greening Africa into prosperity. 25<sup>th</sup> 27<sup>th</sup> October 2023
- Bomet University College 2<sup>nd</sup> International Conference. Session Chairman. 2022
- Research and Publication workshop: Disseminating Research output through Quality Publications. 31<sup>st</sup> March 2022.
- Bomet University College 1st International Conference. Presenter. 2021
- International Conference on Environmental and Natural Science-IASTEM-Nairobi, Kenya | 10<sup>th</sup> 11<sup>th</sup> June 2019
- International Conference on Phytochemistry, Textile & Renewable Energy for Sustainable Development, held at Sirikwa Hotel, Eldoret, Kenya. Conference Theme: Advancing Science, Technology and Innovation for Industrial Growth. August 11<sup>th</sup> 15<sup>th</sup>, 2020.
- Towards Achieving Environmental Sustainability in Africa University of Port Harcourt 2<sup>nd</sup> International Conference on Environmental Management | Oct 2018
- International Conference on Environmental Management-National Registry of Environmental Professional (NREP), USA | 2<sup>nd</sup> 4<sup>th</sup> October 2018
- Research, Innovation for Sustainable Development and a Secure World Kabarak University 5<sup>th</sup> Annual International Conference | July 2015
- Moi University 10<sup>th</sup> Annual International Conference: Theme: Human resource, Education and Science for Sustainable Development. 23<sup>rd</sup> to 27<sup>th</sup> September 2014

## **Publications before joining Bomet University College**

- 1. Growth performance of Oreochromis variabilis larvae: A case Study of Effect of Live and Formulated Diets on Growth and Survival rates | International Journal of Fisheries and Aquaculture. Vol. 9(2), pp. 14-23, February 2017 <a href="https://DOI:10.5897/IJFA2016.0553">https://DOI:10.5897/IJFA2016.0553</a> Article Number: DE35A7F63124. ISSN 2006-9839
  - J. Maithya<sup>2\*</sup>, N. M. Mbithi and P. Wanjala<sup>1</sup>
- 2. Underground Water in Kenya: Abstraction, Pollution and Societal Demand; A case study of wells in three periurban areas of Eldoret Town is used to illustrate this scenario. Journal of Biology and Nature 7(3): 137-153, 2017. ISSN: 2395-5376 (P), ISSN: 2395-5384 (O), (NLM ID: 101679666). International Knowledge Press <a href="https://www.ikpress.org">www.ikpress.org</a>
  P. Wanjala<sup>1\*</sup>, H. Tsingalia<sup>1</sup>, J. Makatiani<sup>1</sup>, J. Maithya<sup>2</sup>, M. Wabusya<sup>1</sup> and K. Rono
- 3. Evaluation of sustainable use of underground water in peri-urban centers' of Eldoret Municipality in Kenya. Journal of Global Ecology and Environment. ISSN No.: 2454-2644, Vol.: 6, Issue.: 2. International Knowledge Press www.ikpress.org
  - P. Wanjala<sup>1\*</sup>, H. Tsingalia<sup>1</sup>, J. Makatiani<sup>1</sup>, J. Maithya<sup>2</sup> and M. Wabusya<sup>1</sup>

- 4. Dwindling Wetland Ecosystems: A Survey of Impacts of Anthropogenic Activity on Marura Wetland, Kenya. Journal of Agriculture and Ecology Research International. 14(4): 1-19, 2018; Article No:.JAERI.35588. ISSN: 2394-1073 https://DOI:10.9734/JAERI/2018/35588
  - P. Wanjala<sup>1\*,</sup> J. Maithya<sup>2</sup>, K. Rono<sup>1</sup> and N. M. Mbithi
- 5. Physicochemical Analysis and Evaluation of Levels of Escherichia coli in Sewage Treatment Plant, Moi University, Kenya. Journal of Biology and Nature. 8(4): 127-134, 2017. ISSN: 2395-5376 (P), ISSN: 2395-5384 (O), (NLM ID: 101679666)

Rono<sup>1\*</sup> and P. Wanjala

**6.** Macroinvertebrates as Bioindicators of Point Source Pollution of Sambul River, Kenya. 2017/JOGEE/5306. <a href="http://www.ikpress.org/articles-press/43">http://www.ikpress.org/articles-press/43</a>. In press

Rono<sup>1\*</sup>, H. Tsingalia<sup>1</sup>, J. Makatiani<sup>1</sup>, and P. Wanjala

7. A Review of the Role of Anthropogenic Effects on Microorganisms in Soil. Journal of Agriculture and Ecology Research International. 16(4): 1-16, 2018; Article no. JAERI.44994 ISSN: 2394-1073. https://DOI:10.9734/JAERI/2018/44994

Muyoma Wanjala Paul<sup>1\*</sup>, Odokuma Lucky<sup>2</sup>, Rose Ramkat<sup>1</sup> and Ibisime Etela<sup>3</sup>

8. Oil-Gas and Environmental Nexus: Impact of Human Actions on selected Soil Physicochemical Parameters in Port Harcourt and its environment, Nigeria. DOI: <a href="https://dx.doi.org/10.4314/jasem.v22i11.30">https://dx.doi.org/10.4314/jasem.v22i11.30</a> J. Appl. Sci. Environ. Manage. Vol. 22 (11) 1859–1866 November 2018. Full-text Available Online at <a href="https://www.ajol.info/index.php/jasem.http://www.bioline.org.br/ja">https://www.ajol.info/index.php/jasem.http://www.bioline.org.br/ja</a>

Muyoma Wanjala Paul<sup>1\*</sup>, Odokuma Lucky<sup>2</sup>, Rose Ramkat<sup>1</sup> and Ibisime Etela<sup>3</sup>

9. **Assessment of Soil Metals Status in parts of Rivers State, Nigeria**. J. Appl. Sci. Environ. Manage. Vol. 23 (3) 545-550 March 2019, DOI: <a href="https://dx.doi.org/10.4314/jasem.v23i3.26">https://dx.doi.org/10.4314/jasem.v23i3.26</a>

Muyoma Wanjala Paul<sup>1\*</sup>, Odokuma Lucky<sup>2</sup>, Rose Ramkat<sup>1</sup> and Ibisime Etela<sup>3</sup>

10. Impacts of Anthropological Activities on Soils of Some Parts of Rivers State, Nigeria. International Research Journal of Pure & Applied Chemistry. 18(4): 1-17, 2019; Article no. IRJPAC.47040. ISSN: 2231-3443, NLM ID: 101647669. https://DOI:10.9734/IRJPAC/2019/v18i430096

Muyoma Wanjala Paul<sup>1\*</sup>, Odokuma Lucky<sup>2</sup>, Rose Ramkat<sup>1</sup> and Ibisime Etela<sup>3</sup>

## **Publications after joining Bomet University College**

11. Characterization of culturable microbial community in oil contaminated soils in Greater Port Harcourt Area, Nigeria. <a href="https://doi.org/10.5897/AJMR2020.9398">https://doi.org/10.5897/AJMR2020.9398</a>

Muyoma Wanjala Paul<sup>1\*</sup>, Odokuma Lucky<sup>2</sup>, Rose Ramkat<sup>1</sup> and Ibisime Etela<sup>3</sup>

12. **Assessment of Ni toxicity to fungi and bacteria in oil tainted soils in Greater Port Harcourt Area, Nigeria.**Presented in The International Conference on Phytochemistry, Textile and Renewable Energy in Sustainable Development. <a href="https://DOI:10.4314/jasem.v25i7.18">https://DOI:10.4314/jasem.v25i7.18</a>

Muyoma Wanjala Paul<sup>1\*</sup>, Odokuma Lucky<sup>2</sup>, Rose Ramkat<sup>1</sup> and Ibisime Etela<sup>3</sup>

13. Impact of nitrogen fertilizer use on soil ecosystem integrity in the Greater Port Harcourt Area, Nigeria. <a href="https://www.sciencepublishinggroup.com/article/10.11648/j.ijbbmb.20210602.13">https://www.sciencepublishinggroup.com/article/10.11648/j.ijbbmb.20210602.13</a>

Muyoma Wanjala Paul<sup>1\*</sup>, Odokuma Lucky², Rose Ramkat¹ and Ibisime Etela³

14. Evaluation of the effects of Cadmium in soil on the LC<sub>50</sub> of soil bacteria and fungi for environmental monitoring. https://DOI:10.4314/jasem.v25i6.21

- 15. Characterization of Chemically Activated Carbons Produced from Coconut and Palm Kernel Shells Using SEM and FTIR Analyses. American Journal of Applied Chemistry, 2021; 9(3): 90-96, https://doi:10.11648/j.ajac.20210903.15.
  - Boadu Kwasi Opoku1, Asiamah Isaac2, Anang Akrofi Micheal1, John Kwesi Bentum2, Wanjala Paul Muyoma
- 16. Isolation and Identification of Autochthonous Lactic Acid Bacteria from Commonly Consumed African Indigenous Leafy Vegetables in Kenya (January 2023). <a href="https://doi.org/10.3390/bacteria2010001">https://doi.org/10.3390/bacteria2010001</a>
  Eliud N. Wafula , Josiah O. Kuja , Tofick B. Wekesa and Paul M. Wanjala
- 17. Seasonal population trends of microbial communities in oil tainted soils in Greater Port Harcourt Area, Nigeria. <a href="https://sciencepublishinggroup.com/article/10.11648/j.fem.20241001.13">https://sciencepublishinggroup.com/article/10.11648/j.fem.20241001.13</a>

  Muyoma Wanjala Paul<sup>1\*</sup>, Odokuma Lucky<sup>2</sup>, Rose Ramkat<sup>1</sup> and Ibisime Etela<sup>3</sup>
- 18. Assessment and characterization of benzene, toluene, ethylbenzene and xylene (BTEX) in soils of selected areas of Port Harcourt, Nigeria. <a href="https://www.sciencedirect.com/science/article/pii/S2468227624004678">https://www.sciencedirect.com/science/article/pii/S2468227624004678</a>
  Muyoma Wanjala Paul<sup>1\*a</sup>, Boadu Kwasi Opoku <sup>b</sup>, Etela Ibisime <sup>c</sup>, Eliud N Wafula <sup>a d</sup>
- 19. Assessment and Characterization of Total Petroleum Hydrocarbon (TPH) in Oil-contaminated soils in Greater Port Harcourt Area, Nigeria. BUC 4<sup>th</sup> International Conference 2025.

Muyoma Wanjala Paul1\*a, Boadu Kwasi Opoku b, Etela Ibisime c, Eliud N Wafula ad

## **Scholarship & Grants**

NO	Description	University/College	Year	Amount	Role
1	Seeding lab	Bomet University College	2024/25	25 million	1 <sup>st</sup> PI Researcher
2	Nematology Education in Sub-Sahara Africa (NEMEDUSSA) project. Grant number: 618814. (PI: Dr. P. Njira Njira)	Moi University	2018-2020	98 million	Technical Representative
3	Nematology project (TEAM 2019). Grant number: VLIR-UOS- KE2019TEA488A103. (PI: Dr. P. Njira Njira)	Moi University	2018-2020	28 million	Technical Representative
5	Grant number – RU 2017 TQA 28	RUFORUM - Carnegie Post-Doctoral funding University of Port Harcourt	2018	3 million	2 <sup>nd</sup> PI Researcher
6	World Bank Scholarship	University of Port Harcourt	2017-2020	2 million	[Graduate Teaching Assistantship (GTA)]
7	World Bank Grant (Centre for Phytochemical & Textile Engineering) {PI: Prof A. Kiprop & Dr. R. Ramkat}	Moi University	2015	600 million	Technical Representative
8	Seeding Labs grant (PI: Dr. W. Munyendo)	Moi University	2015	25 million	Technical Representative

### Postdoctoral research

NO	Description	Institution	Year
1	Extension of PhD Research work under	RUFORUM & University of Eldoret	December 2021 – December 2023
	RUFORUM		

## Postgraduate supervision

NO	Name of Student	University/College	Year	Research Topic
	Ongoing			
1	MSC/PAT/7806/25 Njoroge Margaret Wanjiru	Moi University, Kenya	2025	Assessment of the Diversity of Plant Parasitic Nematodes in Cypress Trees in Eldoret City, Kenya
2	2024/PhD/023/PS Ali Kipchumba Rono	Mbarara University of Science and Technology, Uganda	2024	Formulation of Microbial Consortia for Rapid Composting of Organic Waste into Biofertilizer in Kipkenyo Dumpsite, Kenya
3	MSC/PAT/5421/23 Justus Komu Mutua	Moi University, Kenya	2023	Assessment of the effect of banana paper on sugarcane growth in field and controlled conditions in Eastern Kenya.
4	SAS/PhD/4/001/22 Agnes Cherono Milgo	Bomet University College, Kenya	2022	Assessment of the Potential of Rooftop Rainwater Harvesting for Climate Change Adaptation in Bomet County, Kenya
	Completed			
1	PHD/EB/02/2014 Moses Wetiba Wabusya	Moi University, Kenya	2021	Assessment of Climate Change Vulnerability in Kakamega - Nandi Forest complex in Kenya

# Consultancy

NO	Description	Institution	Year	Role
1	Consultative Workshop on Assessing the	Africa Research and	2024	Panel member
	Effectiveness of Climate Change Adaptation	Impact Network		
	Interventions in East Africa			
2	Consultative program of Forest	NGO (Education for Life	2023	Team leader
	Conservation	Program) Catholic Church		

# University Committee Membership

NO	Description	Institution	Year	Role
1	Committee to spearhead the national tree	Bomet University College	2023 to date	Member
	growing restoration campaign			
2	Inspection and acceptance Committees for	Bomet University College	Several	Chairman
	supply of equipment		Assorted	
3	Inspection and acceptance Committees for	Bomet University College	Several	Chairman
	supply of materials		Assorted	
4	Inspection and acceptance Committees for	Bomet University College	Several	Chairman
	supply of laboratory reagents, chemicals and		Assorted	
	glassware			
5	Committee for evaluation for quotation of	Bomet University College	Several	Chairman
	motor vehicle insurance cover		Assorted	
6	Committee to spearhead the tender	Bomet University College	Several	Chairman
	evaluation		Assorted	
7	Committee to spearhead the development of	Bomet University College	2023 to date	Member
	Quality Manual			
8	Committee to spearhead the development of	Bomet University College	2023 to date	Chairman
	Workload Policy			
9	Sub Committee to spearhead the MOUs	Bomet University College	2023 to date	Member

# **Clubs & Sports**

NO	Description	Institution	Year	Role
1	Environmental Club	Bomet University College	2022 to date	Founder/Patron
2	BUC Rugby Team	Bomet University College	2022 to date	Leader

## **Community outreach**

NO	Description	Institution	Year	Role
1	Moses Mudavadi Primary School	Primary School	2024 to date	Grade 6 Representative
2	Association of Kenyan Western Researchers	Private researchers	2021 to date	Member
3	Oserian High School Board of Management (BOM) from 2019 to 2021 academic years.	Secondary School	2019 to 2021 academic years.	BOM Member
4	Moses Mudavadi Primary School	Primary School	2023	Grade 5 Representative
5	Moses Mudavadi Primary School	Primary School	2020	Class 8 Representative
6	Josami Self Help-Group	Kapsoya Catholic Church	2020 to date	Chairman
7	Teyola group	Private self-help group	2020 to date	Chairman

# Professional body membership

NO	Description	Membership number	Year	Role
1	Microbiology Society	No: Co37168	February 28, 2024	Member
2	National Registry of Environmental Professionals USA	Reg No: A2159	April – June 2018	Life member Certified Environmental Scientist
3	Royal Society of Biology			

# Taught Courses (Bomet University College)

NO	Course Code	Course Title	Year
1	ZOO 212	Vertebrate Zoology	2021 to date
2	ZOO 418	Applied Terrestrial Ecology	2021 to date
3	ZOO 422	Animal Physiology	2021 to date
4	ZOO 210	Invertebrate Zoology	2021 to date
5	PEH 101	Healthcare Skills	2021 to date
6	PEH 110	Human Anatomy & Physiology	2021 to date
7	GEO 110	Introduction to Earth and Physical Environment	2021 to date
8	GEO 825	Geography of Wetlands and Land Reclamation	2021 to date
9	GEO 221	Population Geography	2021 to date
10	GEO 121/125	Introduction to Human Geography	2021 to date
11	BGS 212	Spatial Organization	2021 to date
12	BPM 311	Environmental Impact Assessment and Audit	2021 to date
13	BZE 310	Biology Field Course	2021 to date
14	BUN 100	Greening for Sustainable Development	2021 to date
15	BGS 420	Conservation of Biodiversity	2021 to date
16	GEO 422	Environmental Impact Assessment and Audit	2021 to date

# **Taught Courses (Other Universities)**

NO	Course Code	Course title	University/College	Year
1	BOT 415	Plant Physiology	Moi University	2021 to date
2	BOT 412	Biosystematics	Moi University	2021 to date
3	BOT 314	Phycology	Moi University	2021 to date
4	BIO 410	Immunology	Moi University	2021 to date
5	ZOO 418	Comparative Endocrinology	Moi University	2021 to date
6	MLP 421	Medical Pharmacology	Moi University	2021 to date
7	MIC 417	Applied Microbiology	Moi University	January to April 2023
8	BOT 412	Biosystematics	Moi University	January to April 2023
9	BOT 415	Plant Physiology II	Moi University	January to April 2023
10	ZOO 110	Basic Zoology I	Moi University	September – December 2022
11	ZOO 112	Invertebrate Zoology	Moi University	September – December 2022
12	ZOO 318	Comparative Endocrinology	Moi University	September – December 2022

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13	BOT 326	Mycology and Phycology	Moi University	April – August 2022
14	BOT 425	Conservation, Management, of Natural Resources and Ethology	Moi University	April – August 2022
15	ZOO 418	Aquatic Ecology II	Moi University	April – August 2022
16	MLP 421	Medical Pharmacology	Moi University	2022 -2022
17	PEH 101	Healthcare Skills/First Aid Skills	Bomet University College	2021 - date
18	PEH 110	Human Anatomy & Physiology	Bomet University College	2021 - date
19	ZOO 112	Invertebrate Zoology	Bomet University College	2021 - date
20	ANR 110	HIV/AIDs and Management	Bomet University College	2021 - date
21	MIC 210	General Microbiology	Bomet University College	2021 - date
22	ZOO 110	Basic Zoology 1	Moi University	September – December 2020
23	ZOO 112	Invertebrate Zoology	Moi University	September – December 2020
24	N/A	Pharmacology	Kenya Institute of Applied Sciences (KIAS)	2012-2015
25	N/A	Toxicology	Kenya Institute of Applied Sciences (KIAS)	2012-2015
26	N/A	Microbiology	Kenya Institute of Applied Sciences (KIAS)	2012-2015
27	ZOO 110	Basic Zoology 1	Moi University	September 2016 – December 2016
28	ZOO 111	Basic Zoology 11	Moi University	March 2017-June 2017
29	DAG 040	Agricultural Entomology	Moi University	March 2017-June 2017
30	ZOO: 010	Basic Zoology	Moi University	2016/2017
31	BOTA 111	General Genetics	Laikipia University Eldoret Campus	09/01/2017
32	SZL 325	Ornithology and Mammalogy	Kibabii University	May 2017-July 2017
33	SZL 221	Fundamentals of Aquatic Ecology	Kibabii University	May 2017-July 2017
34	MCB 301.1	Environmental Microbiology	Graduate Teaching Assistantship (GTA) University of Port Harcourt	2018
35	FSB 204.2	General Ecology II	Graduate Teaching Assistantship (GTA) University of Port Harcourt	2018
36	MCB 408.2	Microbial Ecology	Graduate Teaching Assistantship (GTA) University of Port Harcourt	2019

## Referees

- Dr. Jacqueline Makatiani | Senior Lecturer, Biological Sciences Moi University | Tel: +254-704920581 | Email: jkmakatiani@gmail.com
- Dr. Rose Ramkat | Dean, School of Science & Aerospace Studies Moi University | Tel: +254-726647985 | Email: chirirose@yahoo.com
- **Dr. Dorcas Lusweti | Senior Lecturer, Biological Sciences**Moi University | Tel: +254-722953621 | Email: dlusweti@yahoo.co.uk
- Prof Lucky O. Odokuma | Chairman Departmental Graduate Studies Department of Microbiology
  University of Port Harcourt | Tel: +2349054443551 | E: luckyodokuma@yahoo.co.in , Lucky.Odokuma@uniport.edu.ng
- Prof. Ibisime Etela | Dean School of Agriculture | Member, Africa Centre of Excellence in Oil Field Chemicals Research (CEFOR)
  - University of Port Harcourt | Tel: +2347034378380, Email: ibisime.etela@uniport.edu.ng, ibetela@yahoo.com