



CURRICULUM VITAE

DR. POLYCARP MUCHESIA ISHENYI, PhD

PERSONAL DETAILS

NATIONALITY: KENYAN
HOME: ILESI LOCATION, KAKAMEGA EAST SUB-COUNTY, KAKAMEGA COUNTY
ID NO: 10841920
DATE OF BIRTH: 29TH NOVEMBER 1968.
MARITAL STATUS: MARRIED.
CHRISTIANITY: CATHOLIC (MUKUMU PARISH, ST. CLAIRE BUSULWA SUB-PARISH, LUTOTO SMALL CHRISTIAN COMMUNITY)
HOME ADDRESS: P.O.BOX 715 (50100) KAKAMEGA
OCCUPATION: Lecturer of Pedagogy and Educational Management; Bomet University College (BUC)
CURRENT POSITION: HEAD OF DEPARTMENT, CURRICULUM INSTRUCTION AND MANAGEMENT
MAILING ADDRESS: Department of Curriculum Instruction & Management, School of Education, Bomet University College, P.O Box 701 - 20400 Bomet, KENYA
E-MAIL: ishenyip@buc.ac.ke, ishenyip@gmail.com, curriculumdpt@buc.ac.ke
MOBILE NO: +254722801710

ACADEMIC AND PROFESSIONAL QUALIFICATIONS

- 1976-1985- Kenya Certificate of Primary Education - Itenyi Primary School
- 1986-1989-Kenya Certificate of Secondary Education - Chebuyusi Secondary School
- 1990-1995-Bachelor of Education (Arts): Mathematics/Economics - Moi University
- 2009-2012-Master of Science in Science Education (Mathematics option) - Masinde Muliro University of Science and Technology (MMUST)
Master's thesis title: *Perception of Pre-Service Teacher Trainees towards the Use of Computers in Mathematics Instruction in Secondary Schools in Kenya*
- 2015-2019-Doctor of Philosophy in Mathematics Education - MMUST
PhD dissertation title: *Teachers' TPAC Knowledge and Classroom Discourse: Their Effects on Academic Achievement in Mathematics among Secondary School Students in Kakamega County, Kenya*

PROFESSIONAL DEVELOPMENT

- 19/4/ - 4/5/2003: Certificate in Education Management- Kenya Education Staff Institute (KESI)
- May - Aug 2008: Certificate in Computer Software- Module One- Clemtech Computer College- Kakamega
- Dec 2010: Certificate in Performance Management for Heads of Secondary Schools - (KESI)
- 28th Aug to 2nd Sept 2011: Certificate in Education Management- (Ministry of Education))
- Dec 2012: Proficiency in Data Analysis Using SPSS Software
- Nov 2022 - Mar 2023: Certificate in Technology Enhanced Teaching and Learning – DIGIFACE
- Jan - May 2023: Certificate in Strengthening Postgraduate Supervision – DIGIFACE

- 12TH - 13TH July 2023: Proficiency in Data Analysis Using R-Software (rgui 64 bit r console)

CAREER HISTORY AT BOMET UNIVERSITY COLLEGE

5/5/2021 - 14/01/2022: **Coordinator of Department**, Curriculum Instruction and Technology. (A new department in the school of education which I operationalized)

15/1/2022 - 1/6/2023: **Acting Head of Department**, Curriculum Instruction and Management

2/6/2023 - Date: **Head of Department**, Curriculum Instruction and Management, School of Education, Bomet University College (Constituent College of Moi University)

My Roles as Head of Department

1. Leaders for, and Manager of the Department
2. Serve as representatives of the Principal in the Department and administer the University policies at the Departmental level
3. Serve as the Academic and Administrative Head of the Department.
4. Ensure that the courses prescribed and approved by the Senate are taught to the expected standard by qualified personnel as per the curriculum
5. Be responsible for all teaching resources, equipment and other University property within the Department and see to their effective utilization.
6. Be the Chief Examinations Officer in the Department, Co-ordinate the setting, Moderation, Marking and processing of examinations
7. In consultation with the teaching staff, suggest new courses, units and centres in the University.
8. Advise the Principal on the departmental staff requirements
9. Prepare the Departmental budget and draft estimates for onward transmission to the Finance Officer.
10. Be the Accounting Officer in the Department and assist in the management and control of finances within the departments.
11. Identify and make recommendations on the training requirements of the members of staff in the Departments.
12. Ensure that a high standard of discipline is kept within the department by both members of the teaching staff, administrative staff and students.
12. Encourage members of staff to carry out research in their areas of specialization.
13. Assist in soliciting for research funds from Funding Organizations.
14. Organize departmental research seminars and disseminate information to the relevant offices on current research trends in the disciplines which fall under the department.
15. Hold regular duly constituted Departmental Meetings and ensure that the members of staff attend such meetings.
16. Initiate the process of Curriculum Review in liaison with members of the teaching staff and students, and ensure that the curriculum is continuously evaluated.
17. Liaise with the School's Dean to recommend suitable criteria for admission into courses in the Department.
18. Liaise with Quality Assurance and Data Management Unit on all quality related matters.
19. Enforce the Service Charter in the department at all cost.
20. Advise the Deputy Principal (Academic and Student Affairs) on space and resources available for the purposes of declaring capacities for admission.
21. Keep proper academic records of students admitted in the department.
22. Advise teaching staff in the departments on Academic Matters.

23. Prepare the various annual documents for the Department e.g budget plans, workplans procurement plan, performance contract reports, establishment etc.
24. Oversee implementation of Quality Management System (QMS), Environmental Management System (EMS) and Risk Management at the Department.
25. Co-ordinate the Staff Appraisals at the Department.
26. Propose necessary Institutional Linkages.
27. Promote welfare of the staff in the department.
28. Attend to any duties as may be specified by the Deans of School, Deputy Principals, Principal or his/her designate

OTHER RESPONSIBILITIES AT BOMET UNIVERSITY COLLEGE

- 6/6/2021 – Dec 2022: **Chairperson**, School Graduate Studies Committee (SGSC)
- April 2021 - April 2022: **Teaching Practice Zone Coordinator**- Bomet Zone
- 15/01/2022 to date: **Member** of the Teaching Practice Management Committee
- 23/02/2024 – **Chairperson**, committee of College Academic Board on the development of MOUs

LECTURER AT BOMET UNIVERSITY COLLEGE (JANUARY 2021 – date)

Lecturer of the following PhD courses:

1. Information Communication Technology (ICT) in Education
2. Managing Resources in Education
3. Legal Aspects in Education
4. Proposal Writing in Education
5. Thesis Writing in Education

Lecturer of the following Masters Courses:

6. Practicals in Technology Enhanced Learning
7. Statistics in Educational Research
8. Trends in Mathematics Education
9. Methods & Techniques Used In Mathematics Education
10. Evaluation in Mathematics Education
11. Proposal Writing in Education
12. Thesis Writing in Education

Lecturer of the following PGDE courses:

13. Instructional Technology
14. Subject Teaching Skills and Application
15. Special Methods in Mathematics
16. Project Report Writing in Education

Lecturer of the following Undergraduate courses:

17. Mathematics Education,
18. Quantitative Skills I,
19. Quantitative Skills II,
20. Quantitative Techniques in Education,
21. ICT in Education,
22. Educational Media Practicals and Micro-Teaching,
23. Teaching Practice,
24. Research project in education.
25. Greening for Sustainability

Dissertations Supervisor in the following Programmes at Bomet University College:

1. Doctor of philosophy in Educational Management
2. Master of Education in Mathematics Education
3. Master of education in language education (English)
4. Postgraduate Diploma in Education

ASSISTANT LECTURER

2014: Mount Kenya University-Kakamega Campus

2014 - 2015: Kibabii University

2015 - 2020: Masinde Muliro University of Science and Technology

COMMUNITY SERVICE

- May 2023 – Date: **Member of BOM** and **Chair** of Academic Committee of BOM-The Sacred Heart Mukumu Girls High School, Kakamega County.
- 23/2/2023: Interviewed for position of **County Education Board Chairperson** - Kakamega County and emerged **First Runners Up** candidate.
- 2018 – Date: **Chairperson**- ISUIDA Action Group- Isukha & Idakho- Shinyalu & Ikolomani Constituencies
- 2017 – Date: **Vice Chairperson**- Ilesi Bulala Welfare Group
- 2011 – 2013: **Member of PTA** Executive Committee - Kaimosi Girls High school
- 25th Sept 2011: **Moderator**, Young Christian students’ movement- Diocese of Kakamega
- 2007, 2012, 2017: **Presiding Officer**- Independent Electoral and Boundaries Commission (IEBC)
- 2002 & 2005: **Presiding Officer**-Electoral Commission of Kenya (ECK)
- 2002 – 2008: **Chairman**- Mwalimu National SACCO Ltd - Vihiga County
- 1998 – 2002: **Delegate**- Mwalimu National SACCO Ltd - Vihiga Division

SECONDARY SCHOOL CAREER HISTORY- TEACHER EMPLOYED BY TSC

- 1995 – 1997: Magui Sec. School - Vihiga County- **Graduate Teacher II** - Mathematics/Economics
- 1997 – 1998: Magui Sec. School - Vihiga County - **Acting HOD** –Technical & Creative Arts
- 1998 – 1999: Magui Sec. School - Vihiga County - **Acting HOD** –Mathematics
- 1st July 1999: Magui Sec. School - Vihiga County – Promoted to **Graduate Teacher I**
- 1999 - 2000: Magui Sec. School - Vihiga County – **Director of Studies**
- 2000 – 2006: Nyang’ori Boys High School - Vihiga County- **HOD** Technical and Industrial Arts department
- 10th July, 2006: Promoted to **Senior Graduate Teacher** (HOD Games & Sports) – Retained at Nyang’ori Boys
- 2006 - 2008: Nyang’ori Boys High School - Vihiga County- **Director of Studies**
- 2008 – 2010: St. Bonventure Shimanyiro Sec. School- Kakamega County- **HOD Games & Sports**
- 18th Aug 2010 - 2013: Friends Secondary School Mugomari - Kakamega County - **Deputy Principal**
- 29th Aug, 2013: Deployed as **Principal**, Sipande Secondary School -Kakamega County
- 2014: Delocalised to Lake Bogoria High school- Marigat sub county – Baringo County
- 1st July 2014: Promoted to **Principal Graduate Teacher** - Lake Bogoria High School - Baringo County
- 2014-2015: Localised to Mukhonje Secondary School - Kakamega County - **Principal Graduate Teacher**

MY DUTIES AND RESPONSIBILITIES AS PRINCIPAL OF HIGH SCHOOL:

- ✓ Teaching and administering teaching functions
- ✓ General Administration
- ✓ Human Resource Management
- ✓ Financial Management and Control
- ✓ Any other relevant duties

CO-CURRICULA

- Trained music under class 936J up to National level hosted at Masinde Muliro University on 10th august 2010 and emerged position 5 in that category.
- Volley ball Coach and referee

PROFESSIONAL BOARD/BODY MEMBERSHIP

2014 - Date: Kenya Association of Educational Administration and Management (KAEAM): Membership Number: 1412023

CONFERENCES AND SYMPOSIA ATTENDED DURING MY TENURE AS AN ASSISTANT LECTURER

1. Presented a **Paper**: 'Attitude of Pre-Service Teacher Trainees towards the Use of Computers in Mathematics Instruction in Secondary Schools in Kenya'. KAEAM 2014 Symposium held in Nakuru on 8th to 10th Oct 2014.
Symposium theme: Quality Education for Technological Innovation and Development.
2. Presented a **Paper**: 'Effects of problem solving technique on form one students' performance in mathematics in Kenya'. KAEAM 2016 Symposium held in Nakuru on 12th to 14th October, 2016.
Session 4 Sub theme: TVET, STEM and E-Learning.
3. **Session Chair**: Kenya Association of Educational Administration and Management (KAEAM) 2016 Symposium held in Nakuru on 12th to 14th October, 2016.
Theme: Education for Sustainable Development.
4. Presented a **Paper** at the 4th Strathmore International Mathematics Conference (SIMC 2017) held in Strathmore University on 19th June to 23rd June, 2017
5. Attended a **Pre-Conference Seminar** in Mathematics Education at the 4th Strathmore International Mathematics Conference (SIMC 2017) held in Strathmore University on 19th June to 23rd June, 2017
6. Presented a **Paper** at the 5th Strathmore International Mathematics Conference (SIMC 2019) held in Strathmore University on 12th Aug to 16th Aug, 2019
7. Attended a **Pre-Conference Seminar** in Mathematics Education at the 5th Strathmore International Mathematics Conference (SIMC 2019) held in Strathmore University on 12th Aug to 16th Aug, 2019

CONFERENCES ATTENDED AFTER APPOINTMENT AS LECTURER

8. **Presented two papers** in the 1st BUC International Conference held on 13th-15th July 2021.
1st Paper: 'Effects of Teachers' Level of Knowledge in Instructional Technology on Students' Achievement in Mathematics in Secondary Schools in Kakamega County, Kenya'.
2nd Paper: 'Mathematics Teachers' Content knowledge and Discourse: Effects on Students' Achievement in Mathematics in Secondary Schools in Kakamega County, Kenya'.
9. **Session Chair** in the 2nd BUC International Conference held on 29th and 30th Nov 2022
Session Sub theme: Integrating Sustainable Technologies in Education Environment

10. **Presented a paper** in the 2nd BUC International Conference (29th and 30th November 2022) under a **Sub theme**: Curriculum Reform and Innovation for Sustainable Development.
Paper title: Teachers' Classroom Discourse and Academic Achievement Prediction in Mathematics in Secondary Schools in Kakamega County, Kenya
11. Attended the 7th Strathmore International Mathematics Conference (SIMC 2023) from 10th -14th July 2023.
Theme: promoting research collaborations in mathematical sciences to address emerging challenges in health, agriculture, climate change and big data
12. Attended Mathematics Education workshop during the 7th SIMC 2023 from 12th to 13th July 2023 in Nairobi.
Theme of the workshop: Promoting research collaboration in East Africa Mathematics Education for inclusivity and visibility in international activities.
Subthemes: 1. Collaborative research approaches
2. Emerging data analysis techniques
3. Research dissemination

PUBLICATIONS DONE DURING MY TENURE AS AN ASSISTANT LECTURER

1. **Ishenyi, P.M**; Masibo, E; and Likoko, S (2014). Competencies of Pre-service Teacher Trainees in Computer Use in Mathematics Instruction in Secondary Schools in Kenya. *International Journal of Science and Research (IJSR)*. https://www.ijer.net/search_index_results_paperid.php?id=29091401. 3(10), 917-921.
2. **Ishenyi, P.M.** (2015). *Teacher trainees' perception towards computer use in math Instruction*. Saarbrücken: Lap Lambert Academic Publishing.
3. **Ishenyi, P.M.** (2016). Attitude of Pre-Service Teacher Trainees Towards the Use of Computers in Mathematics Instruction in Secondary Schools in Kenya. *Journal of African Studies in Educational Management and Leadership (JASEML)*. 7(1), 98
4. **Ishenyi, P.M**; and Wanjala, S.M. (2019). Mathematics Teachers' Level of Knowledge in Mathematics Content and Students' Achievement in Mathematics in Secondary Schools in Kakamega County, Kenya. *International Journal of Innovative Science, Engineering and Technology (IJSET)*. 6(10), 335-347.
5. **Ishenyi, P.M**; Wanjala, S.M: and Shikuku, B. (2019). Mathematics Teachers' Level of Knowledge in Pedagogy and Student Achievement in Secondary Schools in Kakamega County, Kenya. *Scholars Journal of Arts, Humanities and Social Science (SJAHS)*. 7(10). DOI:10.36347 /SJAHS.2019.v07i10.004.

PUBLICATIONS AFTER APPOINTMENT AS LECTURER

6. **Ishenyi, P.M** (2022). Effects of Teachers' Knowledge in Instructional Technology on Students Performance in Mathematics in Secondary Schools in Kakamega County, Kenya. *International Journal of Science and Research (IJSR)*, https://www.ijer.net_id=SR22428210742, 11(50) 490 - 496.
7. **Ishenyi Polycarp** (2023). *Teachers' Classroom Discourse and Academic Achievement Prediction in Mathematics among Secondary School Students in Kakamega County, Kenya*. International Journal of Science and Research (IJSR), Volume 12 Issue 1, January 2023, pp. 210-217, https://www.ijer.net/get_abstract.php?paper_id=SR23103013518
8. Chebet Winny & **Ishenyi Polycarp Muchesia** (2023). An Investigation of School Characteristics Leading to Students' Dropout from Mixed-Day Secondary Schools in Bomet East Sub-County, Kenya. *Scholars Journal of Arts, Humanities and Social Science (SJAHS)*, 2023 Jan 11(1): 17-22. DOI: 10.36347/sjahs.2023.v11i01.00X
9. **Ishenyi Polycarp** (2023). *Influence of the Interaction between Teachers' Content Knowledge and Classroom Discourse on Students' Performance in Mathematics among Students in Kakamega County, Kenya*. International Journal of Science and Research (IJSR), Volume 12 Issue 1, January 2023, pp. 171-177, https://www.ijer.net/get_abstract.php?paper_id=SR23103230345

10. Chebet Winny & **Ishenyi Polycarp Muchesia** (2023). Student Characteristics Leading to Students' Dropout from Mixed-Day Secondary Schools in Bomet East Sub-County, Kenya. *Scholars Journal of Arts, Humanities and Social Science (SJAHSS)*, 2023 Apr 11(4): 76-80. DOI: 10.36347/sjahss.2023.v11i04.004
11. Winny Chebet & **Polycarp Muchesia Ishenyi**. Household-Related Factors Leading to Students' Dropout from Mixed-Day Secondary Schools in Bomet East Sub-County, Kenya. *Scholars Journal of Arts, Humanities and Social Science (SJAHSS)*, 2023 Jul 11(7). DOI: 10.36347/sjahss.2023.v11i07.00X

SCIENTIFIC ARTICLE REVIEWER

10/9/2023 TO DATE: Peer Reviewer for Pedagogy and Educational Management: International Journal of Science and Research (IJSR) ISSN: 2319- 7064. Reviewed 4 articles so far

GRANT PROPOSAL WRITING

Mathematics subject expert in a project titled: **Gender Parity in Stem Education in Kenya (GEPSTEMIK): Pedagogical Integration of Technology for Resilience, Quality, Equity, And Sustainability during And Post-Covid-19**. This project was a collaborative project among Universities in Kenya and USA. It involved Subject Matter Experts (SMEs) in four subjects: Mathematics, Biology, Chemistry and Physics.

DISSERTATION SUPERVISION

1. Amukohe, G. (2020). Effect of Collaborative peer teaching and Learning on Mathematics performance in High schools in Kakamega County, Kenya. Masinde Muliro University of Science and Technology
2. Muchalwa, K. D. (2021). Effect of Direct Instruction Approach on Mathematics Skills' Acquisition among Learners with Autism in Public Primary Schools within Kakamega County, Kenya. Mount Kenya University
3. Shipuku, I.I. (2022). Pre-Service Teacher Trainees Preparedness versus Implementation of Competency Based Curriculum in Secondary Schools in Kenya: A Case of Bomet University College, Kenya. Bomet University College
4. Kibet R.D. (2023). Teachers Perception towards ICT Integration in Mathematics Instruction in Secondary Schools in Chepalungu Sub County, Kenya. Bomet University College
5. Rop, R.K. (2023). School Based Factors Affecting Learners KCSE Performance in Mathematics in Public Day Secondary Schools in Marigat Sub County, Kenya. Bomet University College (ongoing-at data collection level)
6. Araka, G.B. (2023). Teacher Preparedness towards Implementation of Competency Based Instruction in Mathematics in Kakamega East Sub County, Kenya. Bomet University College (ongoing-at data collection)
7. Chebet Winny, (2023). Effectiveness of ICT as a Management Tool by Principals in Public Secondary Schools in Bomet County, Kenya. Bomet University College (Ongoing- At proposal level)

AWARDS AND RECOGNITION

1. 20th July 2002: Recognised for distinguished services as Director of Studies, Nyang'ori Boys High School
2. 22nd August 2005: Awarded for achieving **1st position in Economics** in KCSE in **Western Province** in 2004. The award was during the occasion of Western Province Provincial Education Day held at Kakamega High School
3. 21st September 2010: Recognised by Board of Management of St. Bonventure Shimanyiro Sec school for initiating and training a team for music festivals up to national level
4. 25TH SEPTEMBER 2011: Recognised by Diocese of Kakamega for committed and dedicated service to the Young Christian Student's Movement
5. **TOYA AWARD (Teacher of Year Award)**: 13th November 2011: won Teacher of the Year Award (TOYA) 2011 awarded by Kenya Secondary Schools Heads Association (KSSHA) - Kakamega East Chapter

REFEREES

1. DR. JOHN MOMANYI DEAN, SCHOOL OF EDUCATION BOMET UNIVERSITY COLLEGE P.O.BOX 701- 20400, BOMET MOBILE NO: 0724310656	2. DR. ROBERT KATI DEAN, SCHOOL OF GRADUATE STUDIES, KIBABII UNIVERSITY P.O.BOX ,BUNGOMA MOBILE NO: 0721589365	3. DR. CATHERINE AURAH DIRECTOR, International Relations and Academic Linkages, Masinde Muliro University BOX190 - 50100, KAKAMEGA MOBILE NO: 0724966574	4.Dr. TONY OKWACH SENIOR LECTURER, Curriculum Instruction &Management department, Bomet University College, BOMET Mobile: 0721293615
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