

Curriculum Vitae

Photograph



Academic Qualification

Musera Geoffrey Ababu, PhD

Doctor of Philosophy (Economics of Education & Management), Masinde Muliro University of Science & Technology, Kakamega, Kenya

Master of Philosophy (Economics of Education), Moi University, Eldoret, Kenya

Bachelor of Education (Arts), Moi University, Eldoret, Kenya

Current Position

Senior Lecturer, Educational Planning and Economics of Education

Department of Educational Planning and Management

Masinde Muliro University of Science and Technology (MMUST)

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Career Objective

A Consultant in Education Matters Relating to Equity, Returns to Education, Education Financing, and Schooling Outcomes

Education

Doctor of Philosophy (Economics of Education and Management) (5th December, 2014) (Thesis Title): *Socio-Economic Status and Equity in Higher Education Loan Disbursement to Undergraduate Self-Sponsored Students in Public Universities in Kenya*. Masinde Muliro University of Science and Technology, Kakamega, Kenya.

Master of Philosophy (Economics of Education) (10th December, 2009) (Thesis Title): *Constituency Bursary Allocation and Retention of Students in Public Secondary Schools: A case of Lurambi Division, Kenya*. Moi University, Eldoret, Kenya.

Bachelor of Education (Mathematics & Geography) (Honours.): (1st December, 2000). Moi University; Eldoret, Kenya.

Kenya Certificate of Secondary Education (KCSE, B plain). (1994). Menengai High School, Nakuru, Kenya.

Kenya Certificate of Primary Education (KCPE). (1990). Mwariki Primary School, Nakuru, Kenya.

Experience

Apr 2021-Date:	As a Senior Lecturer , Department of Educational Planning & Management, Masinde Muliro University of Science and Technology, Kakamega, Kenya. I have carried out research, supervised graduate students, delivered course lectures at graduate and undergraduate level, and examined students at both graduate and undergraduate level. I sit on the Boards of Examiners at Departmental and School level to process student academic scores as well as assess student teachers on school practice. In addition, I am a program leader, I have been appointed in various university administrative responsibilities, engaged in community outreach activities, besides attracting research grants. Specifically, I am experienced in the following ways:
	<ol style="list-style-type: none"> 1. Taught courses at all levels of university, including undergraduate, masters and higher research degrees. 2. Acquired skills in questionnaire item construction and design using Microsoft Excel. 3. Experienced in recruitment and training of research assistants, data collection, and entry using Microsoft Access, EPI info databases, and Microsoft Excel spreadsheets. 4. Acquired skills in data management using SPSS, Stata, and R Boot Camp in analysing quantitative data using univariate, bivariate and multivariate statistics. 5. Competent in exploratory studies and I have published 10 papers in peer reviewed journals. 6. I am a strong team player with skills in participatory decision-making and execution processes. 7. Have supervised and mentored six postgraduate students, guiding their research projects towards successful completion and publication. 8. An external examiner for Kaimosi Friends University and Moi University for undergraduate and postgraduate courses, maintaining high academic standards. 9. Integrated technology in teaching methods, utilising online platforms to supplement traditional classroom instruction for post graduate courses. 10. Led a departmental initiative to review and update course content for masters of education in planning and economics of education and teacher professional development. 11. Engaged in ongoing professional development, attending workshops and conferences to stay abreast of pedagogical advancements. 12. I have won four internal and two external research grants

Career Summary

Apr 2021-Date:	Senior Lecturer, Department of Educational Planning & Management, Masinde Muliro University of Science and Technology, Kakamega, Kenya
Sep2016-Mar 2021:	Lecturer, Department of Educational Planning & Management, Masinde Muliro University of Science and Technology, Kakamega, Kenya
Oct2013-Aug2016:	Assistant Lecturer, Department of Educational Planning & Management, Masinde Muliro University of Science and Technology, Kakamega, Kenya

Mar2010-Sep 2013:	Administrative Assistant, Faculty of Education and Social Sciences, Masinde Muliro University of Science and Technology, Kakamega, Kenya
Sep2003-Feb2010:	Graduate Teacher I, Ibinzo Girls' Secondary School, Kakamega, Kenya.

University Administrative Appointments

May 2024 to Date	Appointed as Chairperson of the Working Space and Furniture Committee (Academic Staff) to assess the status of University facilities by the AG. Vice Chancellor, MMUST on 24 th May 2024.
Feb 2024 to Date	Appointed as School Practice coordinator for LUMUBUMANA and Busia for academic years 2023/2024 and 2024/2025 by the Dean School of Education and have successfully coordinated school practice activities in the zone on behalf of the Dean School of Education
Dec 2024 to Date	Appointed as Program Leader of Master of Education in Economics and Planning (Economics of Education) program by the Chair of Department Education Planning and Management.
Jan 2023 to Date	Appointed as Academic Leader for Master of Education in Economics and Planning (Economics of Education) program by the Dean School of Education, MMUST.
Nov 2023 to Date	Appointed as Course Coordinator, EPM 111: Introduction to Teacher Professional Development by the Chair of Department Education Planning and Management.
Oct 2022	Appointed as a Member School of Education Curriculum Committee by the Dean School of Education, MMUST.
2021 – Date	Appointed as a Hostel Warden for academic years 2021/2022, 2022/2023, 2023/2024, and 2024/2025 by the Vice Chancellor, MMUST
2021 – Date	Appointed as Staff Commissioner in charge of Election Materials and Voter Register for the 2021/2022, 2022/2023, 2023/2024, and 2024/2025 MMUSO Parliamentary and Student Governing Council (SGC) elections by the MMMUST Election Commission (MEC), Chairperson
July 2022- Date	Appointment as Reviewer of Academic Programmes at MMUST by the Vice Chancellor, MMUST
Apr 2021 –Apr 2023:	Co-ordinator, Masters and Doctoral Program Reviewer by the Dean, School of Education MMUST
Nov 2020 -Date:	Member School of Education Research and Outreach Activities by the Dean, School of Education MMUST
Nov 2020 -Date:	Member School of Education Curriculum Review by the Dean, School of Education MMUST
Sep2018-Sep2021:	Member of the Directorate of Science Park, Innovation and Incubation Centre (SPIIC) Board by the Vice Chancellor, MMUST
Jun2018-May2021:	Member of the Directorate of Research and Post Graduate Support Board by the Vice Chancellor, MMUST
Sep2017-Sep2020:	Member of the Directorate of Open, Distance and e-Learning (ODEL) Board by the Vice Chancellor, MMUST
Jun2017-Aug 2020:	Chairman, School of Education Graduate Students Committee by the Executive Dean, School of Education, MMUST
2016-2020:	Returning Officer, MMUSO Elections in charge of Voter Register by Dean of Students, MMUST.
Mar2016-Date:	Zone Coordinator, School Practice, by the Dean School of Education

Jun2015-Date:	Committee Member of Departmental Graduate Studies Committee, EPM by COD Educational Planning & Management, MMUST
Jun2014:	Programme Review Leader, Doctor of Philosophy in Economics of Education by COD EPM
Jun2014:	Member, Curriculum Review for Bachelor of Education (Arts) and Bachelor of Education (Science) Programme by Executive Dean, School of Education
Dec2013-Nov2017:	Departmental Teaching and Examination Coordinator, Educational Planning and Management by COD EPM, MMSUT
Jan2011-Dec2014:	Postgraduate Student Representative, Masinde Muliro University of Science and Technology by Dean SGS, MMSUT

Funded Research Projects

Dec 2024	Won a Research Grant worth \$3875 for the Geographical Distribution, Predisposing Factors, and Mitigation of Visceral Leishmaniasis in Baringo County, Kenya by the Early Career Grant from the Royal Society of Tropical Medicine and Hygiene (RSTMH), in Partnership with Children's Investment Fund Foundation (CIFF) London in December, 2024. Ababu Musera is a researcher among a team of seven (7) other researchers on the project.
July 2024	Won a Research Grant worth Kenya Shillings 45,346,360 (CAD 483,437.50) for the Mathematics Instructional Practice Improvement Project (MIPIP), Kenya funded by International Development Research Centre (IDRC), Canada in July 2024. Ababu Musera is a researcher among a team of twenty-five (25) other researchers on the project.
2023	Student Engagement in Evidence-Based Learning and Educational Outcomes in Higher Education in Kenya. Seed grant worth US\$10,000.00 (Ksh. 1,000,000.00) funded by Masinde Muliro University of Science and Technology Research Fund (URF). Ababu Musera is a Co-Principal Investigator among a team of three (3) other researchers on the study.
2022	Mathematics Instructional Practice Improvement Project (MIPIP) Seed grant worth US\$4,000.00 (Ksh. 400,000.00) funded by Masinde Muliro University of Science and Technology Research Fund (URF). Ababu Musera is an Investigator among a team of ten (10) other researchers on the study.
2022	Building a Mutual Framework for Mitigating Adolescent Pregnancies in Bungoma County, Kenya. Seed grant worth US\$4,000.00 (Ksh. 400,000.00) funded by Masinde Muliro University of Science and Technology Research Fund (URF). Ababu Musera is an Investigator among a team of six (6) other researchers on the study.
2021	An Evaluation of Teaching and Learning in Masinde University of Science and Technology. Seed grant worth US\$6,000.00 (Ksh. 600,000.00) funded by Masinde Muliro University of Science and Technology Research Fund (URF). Ababu Musera is an Investigator among a team of eleven (11) other researchers on the study.
2020	Research Capacity among Academic Staff of Masinde University of Science and Technology. Seed grant worth US\$ 9,914.40 (Ksh. 991,441.00) funded by Masinde Muliro University of Science and Technology Research Fund (URF). Ababu Musera is an Investigator among a team of eight (8) other researchers on the study.
2018	A Hierarchical Linear Modelling of Sex Differentials in the Kenya Certificate of Primary Education Examination. Seed grant worth US\$20,000.00 funded by

Global TIES and the Sustainable Development Solutions Network (SDSN) through the Education Quality and Learning for All (EQUAL) Global Research Network. **Ababu Musera** was a Co-Principal Investigator among a team of four other researchers on the study.

Consultancy

- 2017 Served as an External Research Proposal Evaluator for Murang'a University of Technology 1st Vice-Chancellor's Research Grant Proposal: **The Impact of Youth Fund and Empowerment Programmes on Youth Employment and Economic Growth in Kenya.**

External Examination

- 2024 to 2027 Appointed as **External Examiner** in the School of Education, Department of Education Management and Policy Studies, Moi University for a period of three years effective from 2024/2025 to 2026/2027 academic year by the Deputy Vice Chancellor (Academics, Research, Extension and Students Affairs) on 10th September, 2024 and externalizes undergraduate and postgraduate examinations and supervisions for the University.
- 2022 to 2025 Appointed as **External Examiner** in the Department of Education Foundations, Psychology and Management, School of Education, Kaimosi Friends University (KAFU) for academic year 2022/2023 to 2024/2025 by the Deputy Vice Chancellor (Finance and Development) and externalizes undergraduate and postgraduate examinations for the University.

Postgraduate Students Research Supervision

Doctoral Supervision

- Sep2015-Dec2018: Simon Wakwabubi: Students' Characteristic and Equity in Form One Admission in National Secondary School Clusters in Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(Graduated in Dec 2018)**
- Sep2014-Dec2017 Aliva Luvaso Elphas: Socio-Economic Status and Equity in Higher Education Loan and Bursary Allocation to Diploma Students in National Polytechnics in Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(Graduated in Dec 2017)**
- Sep2014-Dec2017 Sirima Lornah: Home Based Factors Affecting Participation of Pupils in Special Units in Public Primary Schools in Kakamega County, Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(Graduated in Dec 2017)**
- Sep2013-Dec2017 Annette Wanyonyi: School Attachment Practices and Student Teacher Performance in Teaching Practice in Public Universities in Kenya, Department of Educational Planning and Management Masinde Muliro University of Science and Technology. **(Graduated in Dec 2017)**
- Sep2016-Dec 2022: Seroney K. Sirak: Determination of Optimal Enrolment for the Economics of Education Undergraduate Course in Public and Private Universities in Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(Graduated in December 2022)**
- Sep2015-2025: Cliff Nyakere Onyancha: School Levies and Academic Achievement in Public Day Primary Schools in Nyamira County Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(Successfully defended Thesis and To Graduate in 2025)**

- Sep2015-Date: Vincent Muchinyi: Institutional Characteristics and Internal Efficiency of National Polytechnics in Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(In the Field Collecting Data)**
- Sep2020-2025: Wilberforce Manoah Jahonga: Stem Program Characteristics and Labour Market Outcomes of Graduates of National Polytechnics, Kenya. Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(Successfully defended Thesis and To Graduate in 2025)**

Masters Supervision

- Sep 2013-Dec2016 Mabia Valentine Isalano: Teacher Factors and Promotion to Headship in Public Primary Schools in Kakamega East Sub County, Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(Graduated in Dec 2016)**
- Sep 2013-Dec2016 Masinde Caroline: Family Background Factors and Pupils' Academic Achievement in Public Primary Schools in Bungoma Central Sub- County, Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(Graduated in Dec 2016)**
- Sep 2014-Dec2016 Consolata Mango: Effect of School Based Factors on Girls' Performance in Mathematics in Public Secondary schools in Mumias Sub-County, Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(Graduated in Dec 2016)**
- Sep 2013- Dec2023 Philis Wafula: The Effect of Government Tuition Subsidy on Student Access to Public Vocational Training Centres in Bungoma County, Kenya. Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(Graduated in Dec 2023)**
- Sep 2016- Dec2020 David Sogoto Wabwire: Student Characteristics and Enrolment in Public Secondary School Category in Busia County, Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(Graduated in December 2020)**
- Sep 2016-Dec 2020 Matsa Oduori Waswa: Pre-School Characteristics and Preschooler's Readiness in Public Early Childhood Development Centers in Kimilili- Bungoma Sub County, Kenya, Department of Educational Psychology, Masinde Muliro University of Science and Technology. **(Graduated in December 2020)**
- Sep 2016-Dec 2022 Sharon Mwalo: Effect of School Characteristics on Attainment of Performance Contracting Targets in Public Secondary Schools in Kakamega County, Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(Graduated in December 2022)**
- Sep 2016-Date Julia Kahera Ziganyu: Subsidized Secondary School Financing and Financial Health of Secondary Schools in Kakamega County, Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(To Defend Preliminary Findings)**
- Sep 2016-Date Caroline Makhana: Effect of Jigger Infestation Status on Schooling Outcomes in Public Primary Schools in Khwisero Sub County, Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. **(To Defend Preliminary Findings at departmental Level)**
- Sep 2017-Date Dickson Sakwa Waswa: Effect of Students Characteristics on Government Sponsored Students Choice of Public and Private Universities in Kenya,

Sep 2017-Date	Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. (In the field)
Sep 2018-2024	Wafula Davies Nyukuri: Effect of Students Characteristics on Access to Science Based Programmes in National Polytechnics in Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. (In the Field)
Sep 2018-Date	Wafula Susan Chilande: Demand and Supply Driven Characteristics Influencing Students Choice of Academic Programmes in Public Technical and Vocational Education and Training Institutes in Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. (Graduated in December 2024)
Sep 2018-Date	Benson Sanya Ngaywa: A Hierarchical Linear Modelling of Primary Schools Effect on Teachers' Mean Subject Performance in Kakamega County, Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology. (Defend Preliminary Findings)

Postgraduate Theses and Dissertations Examination

Doctoral Thesis Examination

Feb2025	Electrine Ayiera Kisiangani (EPS/H/03/13) thesis titled: "Effect of School Environment on Student Academic Achievement in Kakamega County, Kenya. Department of Education Management, Policy and Curriculum Studies, MMUST, Kenya.
Feb2023	PHD-091-2023 thesis titled: "Students Support Services for Virtual and Open Learning and Its Influence on Retention of Students in Kenya: A Case of Kenyatta University, Kenya Department of Education Management, Policy and Curriculum Studies, Kenyatta University, Kenya.
July 2023	Ronald Livanze Mwanis (EDE/H/01-53918/2019) "Collective Bargaining Agreement Implementation and Equity in Grad Promotion of Post-Primary Teachers in Kakamega County, Kenya". Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.
Feb2023	PHD-131-2022 thesis titled: "Schools' Learning Inputs and Processes Influence on Kenya Certificate of Secondary Education Examination Performance in Nyeri and Nyandarua Counties, Kenya Department of Education Management, Policy and Curriculum Studies, Kenyatta University, Kenya.
Sep2017	Omusula Christopher Bwamoni's (EPM/H/03/2014): Competitive Characteristics and Masters of Education Students Choice of Public Universities in Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.
Oct2016	Mark Aboko's (EPS/H/18/10): Examination Policies and their Influence on Quality of Education in High Schools in Uganda, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.

Master's Thesis Examination

Feb2025	Wesonga William Oronda (EPM/G/10/15). Effect of Teaching and Learning Practices on KCPE Performance in Public Primary Schools in Nambale Sub County, Kenya. Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.
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Oct2024	Duncan Aradi Ambani (EPS/G/03/13). Effect of Virtual Physics Programs on Students Learning Outcomes within Public Secondary Schools in Kakamega South Sub-County”. Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.
Oct2024	Clarice Wankio Mwitia (EPM/G/20/2009) “Relationship Between Selected School-Based Factors and Girls’ Participation in Public Primary Schools in Kuria West Sub-County, Kenya. Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.
Aug2024	Cyrus Mboleya Muhanga (EME/G/14-70411/2021) Effect of Street and Non-Street Children Characteristics on their Schooling in Nakuru City, Kenya. Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.
Oct2019	Dorine Munyasia Kisiangani (EPM/G/06/15) “Social Factors Affecting Boy Child’s Education Participation in Emuhaya Sub-County”. Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.
Oct2016	Shipiti Hudson Muchalwa (EPM/G/05/13): Effect of Subsidized Secondary Education Policy on Internal Efficiency of Public Day Secondary Schools in Kakamega East Sub-County, Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.
June2016	Aggrey Alusiola Bulema (EPM/G/14/12): Management of Instructional Personnel and Academic Achievement in Public Day Secondary Schools in Kakamega East Sub-County, Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.
Mar2016	Margaret Mmbone Emoja (EPM/G/20/12): Selected Job Satisfaction Factors and Teacher Turnover Intention in Secondary Schools in Kakamega Central District, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.
Oct2015	Majani Alex Tom (EPM/G/05/08): Relationship between School Inspection and Academic Achievement of Secondary Schools in Kakamega County, Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.
Oct2015	Martin Wekesa Wafula (EPS/G/15/09): Influence of School Related Factors on Development of Talents Among Secondary Students in Kenya, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology.

Proposal Reviews at Departmental Level

2025	Beatrice Muturi PhD in Economics Proposal Titled: A Comparative Analysis of External Efficiency of Bachelors Degree programs between Public and Private Universities in Kenya.
2024	Purity Khajongas MED Proposal titled: The Effect of Teacher Performance Appraisals and Development of Job Performance among Secondary School Teachers in Kimillili Sub-County Kenya
2023	Wesonga William Oronda (EPM/G/10/15) proposal Titled. Effect of Teaching and Learning Practices on KCPE Performance in Public Primary Schools in Nambale Sub County, Kenya.

2023 Ronald Livanze Mwanis (EDE/H/01-53918/2019) proposal Titled. Collective Bargaining Agreement Implementation and Equity in Grad Promotion of Post-Primary Teachers in Kakamega County, Kenya.

University Level Teaching Courses

Doctoral Level

EPM901 Advanced Research Methods
 EPM902 Advanced Quantitative Data Analysis
 EPM912 Economics of Labour Markets
 EPM913 Contemporary Issues in Economics of Education
 EPM914 Returns to Investment in Education
 EPM932 Educational Policy Formulation and Analysis

Masters Level

EPM801 Research Methodology
 EPM804 Quantitative Research Methods
 EPM812 Equity in Education
 EPM813 Financing and Investments in Education
 EPM814 Demand and Supply of Education
 EPM815 Human and Social Capital
 SCR 802 Advanced Social Statistics

Post Graduate Level

EMA 712 Planning and Economics of Education

Bachelors Level

EPM412 Planning and Economics of Education
 EPM 300 Economics of Education
 SCR 323 Social Statistics

Seminars/Workshops Attended

Feb 23rd 2021: School of Education Workshop on Innovative Teaching Practices, Reflecting on Education during and Post Covid-19 Pandemic held at Sheywe Guest House, Kakamega Kenya

Feb 10th 2018: The Virtues Project Training Programme Sponsored by the Integrity Organisation, MMUST Chapter at Masinde Muliro University of Science and Technology, Kakamega, Kenya

Jan 26th 2018: The Melting Pot: Postgraduate Seminar Organised by the Directorate of Postgraduate Studies held at the Main Catering Unit Boardroom, Masinde Muliro University of Science and Technology, Kakamega, Kenya

Feb 16th-17th 2017: Intensive Training Workshop on Quantitative Data Analysis with R Organised by African Population and Health Research Centre (APHRC) at APHRC Campus, Nairobi Kenya

Jan23rd-24th 2014: University Multiplication Training Workshop on Curriculum Development and Review for Public Universities in Kenya: Implementation and Accreditation held at Masinde Muliro University of Science and Technology, Main Catering Unit in Kakamega, Kenya

Mar10th 2011: ISO Awareness Training Workshop conducted by Kenya Bureau of Standards' National Quality Institute held at Masinde Muliro University of Science and Technology, Main Catering Unit in Kakamega, Kenya

- May18th-19th 2010: Participated in a Workshop on Fundamentals of Web Applications Organised by the Directorate of Information and Communication Technology (ICT) held at Masinde Muliro University of Science and Technology in Kakamega, Kenya
- Nov30th-Dec6th 2008: Participated in an induction Course in Education Management for Secondary Schools Heads of Departments (HODs) Organised by the Kenya Education Staff Institute (KESI) held at Eldoret Polytechnic in Eldoret, Kenya.

Additional Professional Training

- Aug to Sep 2021 Certificate in Essential Level of the Data Analysis Bootcamp Using Open-Access Program R
- Feb 10th 2018: A Certificate in Virtues Courtesy of Integrity Organisation, MMUST Chapter, Kakamega, Kenya
- Feb 16th-17th 2017: A Certificate in Quantitative Data Analysis with R by African Population and Health Research Centre (APHRC), Nairobi Kenya
- Sep2001-Jan2002: A Certificate in Information Technology (Stage One) awarded by Wantech Computer College, Kalimoni-Juja, Kenya

Selected Academic/Professional Publications & Writings

- 2025 Nasongo, Joseph, Wamocha, L., Khasakhala, E., Poipoi, M., **Musera, G.**, Ali, U., Kemei, J. (2025). The Psychosocial Support offered to Pregnant Teenage Girls and Teenage Mothers in Bungoma County, 2019-2021. *Athens Journal of Psychology*. Volume 1 (1), 25-36.
DIO: <https://doi.org/10.30958/ajpsy.1-1-1>
- 2025 Onyancha, C. N., **Musera, G. A.**, & Nganyi, J. (2025). Motivational Levies and Academic Achievement in Public Day Primary Schools in Nyamira County, Kenya. *African Journal of Empirical Research*, 6(1), 314-327.
DOI: <https://doi.org/10.51867/ajernet.6.1.27>
- 2024 Jahonga, W. M., Ngala, C., & Musera, G. (2024). Effect of Nature of Technical Vocational Education and Training Academic Programs on Employment Category Status of Graduates of National Polytechnics in Kenya: A Multinomial Logistic Approach. *The Cradle of Knowledge: African Journal of Educational and Social Science Research AJESSR* - ISSN 2304-2885-p, 2617-7315-e Volume 12, Issue 3, 2024.
DOI: <https://dx.doi.org/10.4314/ajessr.v12i3.4>
- 2024 Wafula, S. C., Musera, G. A., Akumu, P. O., & Muhanga, C. M. (2024). Student Socio-Economic Status & the Type of Enrolled Programs: Showcasing Kenya's National Polytechnics. *Jumuga Journal of Education, Oral Studies, and Human Sciences (JJEOSHS)* Volume 7, Issue 2, 1-8, 2024
DOI: <https://doi.org/10.35544/jjeoshs.v7i2.101>
- 2024 Onyancha, C. N., **Musera, G. A.**, & Nganyi, J. (2024). Remedial Levies & Academic Achievements: A review of Public Day Primary Schools in Nyamira County, Kenya. *Jumuga Journal of Education, Oral Studies, and Human Sciences*, ISSN 2618-1517, 7(2), 1-12.
DOI: <https://doi.org/10.35544/jjeoshs.v7i2.89>
- 2024 Nganyi, J., Wafula, P., & Musera, G. (2024). Relationship Between Bungoma County Government Bursary and Students' Access to Public Vocational Training Centres, Bungoma County, Kenya. *Journal of the Kenya National Commission for UNESCO*, 4(1), 1-14.
DOI: <https://doi.org/10.62049/jkncu.v4i1.79>

- 2024 Jahonga, W. M., Ngala, C., & Musera, G. (2024). STEM Academic Programs & Graduate Unemployment Duration: Reviewing the Graduates of National Polytechnics in Kenya. *Jumuga Journal of Education, Oral Studies, and Human Sciences*, 7(2), 1-14.
DOI: <https://doi.org/10.35544/jjeoshs.v7i2.85>
- 2024 Onyancha, C. N., Nganyi, J., & **Musera, G. A.** (2024). Examination Levies and Academic Achievement in Public Day Primary Schools in Nyamira County Kenya. *Journal of Research in Education and Technology*, 2(2), 9–19. DOI: <https://doi.org/10.69897/joret.v2i2.98>
- 2022 Sharon Mwalo, **Musera Geoffrey Ababu** & Akumu Paul Ogenga (2022). Is School Category a Predictor of Performance Contracting Targets in Public Secondary Schools in Kakamega County, Kenya? *International Journal of Education Humanities and Social Science*. ISSN: 2582-0745 Vol. 5, No. 05; 2022, 20-27
DOI: <https://doi.org/10.54922/IJEHSS.2022.0434>
- 2022 Sirak, S. K., Ejakait, E., & **Musera, G.** (2022). Endogeneity and Human Capital in Higher Education: A Critical Analysis of Investment Returns Among Teacher's in Uasin Gishu County, Kenya. *Jumuga Journal of Education, Oral Studies, and Human Sciences*, 5(1), 1-9.
DOI: <https://doi.org/10.35544/jjeoshs.v5i1.48>
- 2022 Seroney Sirak, Epari Ejakait & **Musera Ababu** (2022). Private Rate of Returns to Investment in Education for Teachers with Bachelor's Degree in Public Secondary Schools in Kenya. *The Cradle of Knowledge: African Journal of Educational and Social Science Research AJESSR - ISSN 2304-2885-p, 2617-7315-e Volume 10, Issue 2, Volume 3 (01), 86-92.*
URI: <https://www.ajol.info/index.php/ajessr/article/view/235057>,
<http://ir-library.mmust.ac.ke:8080/xmlui/handle/123456789/2141>
- 2020 Wabwire D. Sogoto, **Musera G. Ababu** and Ogenga P. Akumu (2020). *Relationship Between Students SES and Choice to Enroll in Public Secondary School Category in Busia County, Kenya*. *International Journal of Education Humanities and Social Science*. Volume 3 (01), 101-109. ISSN: 2582-0745.
Available on-line at: <http://ijehss.com/>
- 2019 Waswa O. Matsa, **Musera G. Ababu** and Opiyo Rose (2019). Influence of Teacher Characteristics on Learning Readiness Among 5-6 Years Old in Public Pre-Schools in Kimilili-Bungoma Sub-County, Kenya. *European Journal of Education Studies*. Volume 6 (8), 17-26. ISSN: 2501 – 1111. Available on-line at: www.oapub.org/edu
- 2019 **Musera G. Ababu** (2019) Equity in Higher Education Loan Disbursement to Self-Sponsored Students in Public Universities in Kenya. *European Journal of Education Studies*. 6(6), 223-238. Available on-line at: www.oapub.org/edu
- 2019 **Musera G. Ababu** (2019). An Analysis of HELB Socio-Economic Status Criteria on Loan Awards to Self-Sponsored Students in Public Universities in Kenya. *International Journal of Education Humanities and Social Sciences*. 2(5), 55-69. Available on-line at: <http://www.ijehss.com>
- 2019 Masinde C. and **Musera G. Ababu** (2019). Does Parental Socioeconomic Status Matter in Pupils' Academic Achievement in Kenya Certificate of Primary Education? *International Journal of Education Humanities and Social Sciences*. 2(5), 70-78. Available on-line at: <http://www.ijehss.com>

- 2018 Mango C., **Musera G.** and Ogenga P. (2018). Effect of Teacher Instructional Practices on Girls' Performance in Mathematics in Public Secondary Schools in Mumias Sub-County Kenya. *International Journal of Innovative Research and Knowledge*. 3(8) 119-124. Available on-line at: www.ijirk.com
- 2018 Wakwabubi S. and **Musera G.** (2018). An Analysis of the Effect of Students' Social-Economic Status and Equity in Form One Admission in National Secondary School Clusters in Kenya. *International Journal advances in Social Sciences and Humanities*. 6(11), 1-11. Available Online at: www.ijassh.com
- 2018 Wakwabubi S. and **Musera G.** (2018). An Analysis of the Effect of Students' Geographical Background on Equity in Form One Admission in National Secondary School Clusters in Kenya. *International Journal advances in Social Sciences and Humanities*. 6(11), 12-24. Available Online at: www.ijassh.com
- 2017 Aliva L. Elphas and **Musera G. Ababu** (2017) The Nexus between Socio-Economic Status and the Amount of Loan Awarded by HELB to Diploma Students in National Polytechnics in Kenya. *Journal of Research and Method in Education*. 7(4), 41-48. Available on-line at: www.iosrjournals.org
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- 2017 Wanyonyi A., **Musera G.** and Nganyi J. (2017). Effect of Frequency of Supervision on Student Teacher Performance in Teaching Practice in Kenyan Public Universities. *Education Research Journal*. 7(8): 192-199. Available online at <http://resjournals.com/journals/educational-research-journal.html>
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- 2016 Amunga J., **Musera G.**, and Achoka J. (2016). The Missing Link in Kenya's Security Strategy. *International Journal of Applied Contemporary Sciences* (ISSN: 2308-1365). 3(3) 79-93. Available online at: www.ijcas.net
- 2014 Nganyi J., Odebero S., Onderi S., **Musera G.** and Sigogodi M. (2014). Strategies That Enhance Students Access to Public Technical Training Institutions in Kenya. *International Journal of Academic Research in Business and Social Sciences*. 4(11): 65-78. www.hrmars.com
- 2013 Wekulo C. and **Musera G.** (2013). Do Kenyan Public Universities Have the Potential of Income Generating Units: A Case of Moi University, Kenya. *International Journal of Research in Social Sciences and Humanities (IJRSSH)*. 1(4) April – June 2013
- 2012 **Musera G.**, Achoka J. and Sitati E. (2012) Perception of Secondary School Teachers on the Principals Leadership Styles in School Management in Kakamega Central District, Kenya, Implications for Vision 2030. *International Journal of Humanities and Social Sciences*. 2(6): 111-119
- 2011 Amunga J., Musasia M. and **Musera G.** (2011) Disparities in the Chemistry and Biology Academic Achievement and Enrolment in Secondary Schools in Western Province: Implications for Vision 2030 and MDGs. *International Journal of Humanities and Social Sciences*. 1(18): 226-236
- 2011 Kikechi W., **Musera G.** and Sindabi O. (2011) Factors Affecting Transition Rates from Primary to Secondary Schools: The Case of Kenya. *Journal of Problems of*

- Education in the 21st Century: Education Policy, Management and Quality*.. Volume 32, 2011: 129-139
- 2011 Amunga J., Musasia M. and **Musera G.** (2011) Disparities in the Physics Academic Achievement and Enrolment in Secondary Schools in Western Province: Implications for Strategy Renewal. *Journal of Problems of Education in the 21st Century: Issues in Science and Technology Education*. Volume 31, 2011: 18-21
- 2008 **Musera G.** and Ndege T (2008) Bursary Allocations and School Retention among Boys and Girls in Kenya: *The Educator*. School of Education, Moi University, Kenya. Volume 2 No. 1 217- 232.

Conferences/Workshops Attended

- 2024 Moderator of Session 14, Sub Theme 7: Breakaway Room 1: VCs Boardroom: *Contemporary issues in Science, Technology, and Society: Bridging STEM with Society for Sustainable Solutions* in VCs Boardroom (12.00-1.20 p.m.) for the 5th Stem Education International Virtual Conference (STEMEIC2024), 2024 with the theme “*Leveraging STEM Innovations for Inclusive Societal Advancement and Sustainable Development*”, held Virtually, Masinde Muliro University of Science and Technology, Kakamega, Kenya on 13th – 15th November, 2024.
- 2024 Presented a paper (Wilberforce Jahonga, Consilata Ngala, Geoffrey Musera) on “STEM Academic Program Type and Graduate Unemployment Duration: Reviewing the Graduates of National Polytechnics in Kenya” at the 5th Stem Education International Virtual Conference (STEMEIC2024), 2024 on “*Leveraging STEM Innovations for Inclusive Societal Advancement and Sustainable Development*” hosted by MMUST, Kakamega, Kenya on 13th – 15th November, 2024.
- 2022 Participated in the Curriculum Review Workshop to review the University Academic Programs organized by the Directorate of Curriculum review and Development at Farm View Hotel in Busia on 26th to 28th July 2022 and was able to review the programs of School of Public Health and School of Natural Science (SONAS). Most of the programs reviewed during this period have been successfully accredited by Commission for University Education (CUE)
- 2022 Appointed as a Facilitator to facilitate in the Research Capacity Building Workshop on 17th -19th June 2022 at Sigalagala National polytechnic. I successfully facilitated the following areas: Introduction to research, research problem identification, literature review, research methodology, and ethical considerations in research.
- 2021 Participated in the Curriculum Review Workshop to review the School of Education Academic Programs organized by the Dean, School of Education at Farm View Hotel in Busia on 14th to 15th October 2021 and was able to review undergraduate (Bachelor of Education, ARTS) and Post Graduate (Masters of Education in Economics and Planning and Doctor of Philosophy in Economics of Education). The programs reviewed have been accredited by Commission for University Education (CUE)
- 2020 Chair of Session, Sub Theme 6: Parallel Session 1 *Educational Challenges, Approaches and Solutions* in ABA 302 Hall 001 (1330-1410 Hrs) for the STEM Education International Conference 2020 (STEMEIC2020) Virtual Conference “*Integrating Pedagogy and Technology to Ensure Resilience, Quality, Equity and Sustainability*”, held at, Masinde Muliro University of Science and Technology, Kakamega, Kenya on 25th – 27th November 2020.

- 2020 Organiser of a *WEBINAR on Research Capacity among Academic Staff in MMUST* held online and Physical at ABA 208 at Masinde Muliro University of Science and Technology, Kakamega, Kenya on 12th November 2020
- 2020 Presented a paper on “Selected Academic Staff Variables Influencing Research Output in MMUST” a *WEBINAR on Research Capacity among Academic Staff in MMUST* held online and Physical at ABA 208 at Masinde Muliro University of Science and Technology, Kakamega, Kenya on 12th November 2020.
- 2019 Chair of Session, Sub Theme 6: Parallel Session 1 *Education, Inclusivity, Innovations and Peace For Sustainable Development* in ABA 302 (2.45-4.45 p.m.) for the 13th Multi-Disciplinary International Conference 2019 with the theme “*Transformational Leadership, Innovation and Technology Transfer for Sustainable Development in Developing Countries*”, held at Main Catering Unit Block 001, Masinde Muliro University of Science and Technology, Kakamega, Kenya on 19th – 21st June 2019.
- 2018 Conference Committee Member and Vice Chair of Finance and Budgeting Committee for World Conference on Transformative Education (WCTE) on Rethinking Curriculum, Pedagogy and Research in Africa hosted by Masinde Muliro University of Science and Technology in collaboration with Ball State University and Global Institute of Transformative Education held at MMUST, Kakamega Kenya on 26th – 28th July 2018.
- 2017 Presented a paper on “*A Hierarchical Linear Modeling of Student Academic Achievement in Mathematics in The Kenya Certificate of Primary Education Examination*” at the *Society of Education Research and Evaluation in Kenya (SEREK) 4th International Conference on “Provision of Quality Education and Training: Prospects and Challenges”* hosted by Maseno University in collaboration with Educational Management and Foundations Department held at Kisumu Hotel, Kisumu City Kenya on 8th – 10th March 2017.
- 2015 Presented a paper on “*The Missing Link in Kenya’s Security Strategy*” at Masinde Muliro University of Science and Technology International Conference on “*New Paradigms in National and International Security*” hosted by MMUST in collaboration with Educational Management Society of Kenya (EMSK) held at Bishop Stam Pastoral Centre, Kakamega Kenya on 9th – 12th June 2015.
- 2012 Presented a paper on “*The Impact of Action Research on Development: The Case Study of the Equator Community Education Project in Vihiga County, Kenya*” at Masinde Muliro University of Science and Technology 4th Annual International Conference “*Action Research in Higher Education and Development in Africa*” held at Masinde Muliro University of Science and Technology on 28th – 30th June 2012 at Main Catering Unit.
- 2012 Presented a paper on “*The Impact of Action Research on Development: The Case Study of the Equator Community Education Project in Vihiga County, Kenya*” at Masinde Muliro University of Science and Technology 4th Annual International Conference “*Action Research in Higher Education and Development in Africa*” held at Masinde Muliro University of Science and Technology on 28th – 30th June 2012 at Main Catering Unit.
- 2012 Presented a paper on “*Potential of Income Generating Units in Public Universities: A Case of Moi University, Kenya*” at Masinde Muliro University of Science and Technology 4th Annual International Conference “*Action Research in Higher Education and Development in Africa*” held at Masinde Muliro University of Science and Technology on 28th – 30th June 2012 at Main Catering Unit.

- 2011 Presented a paper on “*Disparities in the Chemistry and Biology Academic Achievement and Enrolment in Secondary Schools in Western Province: Implications for Vision 2030 and MDGs*” at Moi University 7th Annual International Conference “*Knowledge Creation and Dissemination for the Realization of Millennium Development Goals*” held at Moi University on 6th – 10th September 2011 at Margaret Thatcher Library.
- 2011: Presented a paper on “*Disparities in the Physics Academic Achievement and Enrolment in Secondary Schools in Western Province: Implications for Strategy Renewal*” at Education Management Society of Kenya 1st Annual International Conference “*Managing Kenyan Education in the New Constitution for Vision 2030*” held at The University of Nairobi on 26th – 29th April 2011.
- 2008: Presented a paper on “*Bursary Allocations and School Retention Among Boys and Girls in Kenya: A case of Lurambi Division, Kenya*” at Moi University 4th Annual International Conference “*Resource utilization for sustainable growth and development in the 21st century*” held at Moi University on Tuesday 29th July 2008 – Friday 1st August 2008 at Margaret Thatcher Library.

Membership to Professional Bodies

- Apr 2025 to Date Member, Society of Educational Research and Evaluation in Kenya (SEREK) Membership Number **SERЕК/M/347/25**
- 2011-Date Member, Education Management Society of Kenya (EMSK), Membership Number **EMSK/00130**

Community Service within MMUST

- Oct 2023 Served as the chairperson of the Election Committee to elect the representatives of KUDHEIA, KUSU and UASU MUSTBEF Management Committee members, and we delivered credible elections after appointed as a Member of the Election Committee representing MMUST University Academic Staff Union (UASU) on 3rd October 2023 as resolved during the 14th MUSTBEF AGM on 30th September 2023.
- Nov 2022 Served as a member of the Adhoc Committee on Land appointed by the Board of Trustees, MMUST Staff Retirement Benefits Scheme on 10th November, 2022 and successfully delivered a report to the appointing authority which was adopted by the general membership in the AGM.
- 2021 to Date Serves as a Delegate since 2021 and Acting Deputy Secretary General since January 2024, UASU MMUST Chapter an outfit that champion for the welfare of academic staff. As a union we have stabilized the university to be peaceful and as a member of the Joint Negotiating Committee (JNC) we successfully delivered the 2017-2021 LCBA. I also serve as a Welfare Committee Member for UASU MMUST Chapter where we run the last respect for UASU MMUST Academic Staff Members as a Cooperate Social Responsibility (CSR). This is testified by the letter dated 25th April 2025 by the Secretary General, UASU MMUST Chapter.
- 2019 Chair of Session for the 13th Multi-Disciplinary International Conference 2019 with the theme “*Transformational Leadership, Innovation and Technology Transfer for Sustainable Development in Developing Countries*”, held at Main Catering Unit Block 001, Masinde Muliro University of Science and Technology, Kakamega, Kenya on 19th – 21st June 2019.
- 2018 Conference Committee Member, Vice Chair of Finance and Budgeting Sub Committee and Organizer for World Conference on Transformative Education (WCTE) on Rethinking Curriculum, Pedagogy and Research in Africa hosted by

2018	Masinde Muliro University of Science and Technology in collaboration with Ball State University and Global Institute of Transformative Education held at MMUST, Kakamega Kenya on 26 th – 28 th July 2018.
Sep2018-Sep2021:	Committee Member, Vice Chair of Marketing, Communication and Resource Mobilization Sub-Committee for World Conference on Transformative Education (WCTE) on Rethinking Curriculum, Pedagogy and Research in Africa hosted by Masinde Muliro University of Science and Technology in collaboration with Ball State University and Global Institute of Transformative Education held at MMUST, Kakamega Kenya on 26 th – 28 th July 2018.
Jun2018-May2021:	Member of the Directorate of Science Park, Innovation and Incubation Centre (SPIIC) Board by the Vice Chancellor, MMUST
Sep2017-Sep2020:	Member of the Open, Distance and e-Learning (ODEL) Board by the Vice Chancellor, MMUST
Jun2017-2020:	Chairman, School of Education Graduate Students Committee by the Executive Dean, School of Education, MMUST
2016 -2021:	Returning Officer, MMUSO Elections in charge of Voter Register by Dean of Students, MMUST.
Mar2016-to Date:	Zone Coordinator, School Practice, Butere-Mumias by the CIT
Jun2015-to Date:	Committee Member of Departmental Graduate Studies Committee, EPM by COD Educational Planning & Management, MMUST
Jun2014:	Programme Review Leader, Doctor of Philosophy in Economics of Education by COD EPM
Jun2014:	Member, Curriculum Review for Bachelor of Education (Arts) and Bachelor of Education (Science) Programme by Executive Dean, School of Education
Dec2013-Nov2017:	Departmental Teaching and Examination Coordinator, Educational Planning and Management by COD EPM, MMSUT
Jan2011-Dec2014:	Postgraduate Student Representative, Masinde Muliro University of Science and Technology by Dean SGS, MMSUT

Community Service Outside MMUST

Nov 2024	Lead facilitator of the Validation of the proposed Strategic Plan (2024-2029) for Bushiangala Technical Training Institute on 21 st November 2024.
Nov 2023 to Date	Appointed as a member and Secretary to the Kakamega District Project Management Committee by Kakamega PAG District Overseer on 5 th November, 2023 to oversee the development and construction of Kakamega District PAG Headquarters in Kakamega town, a four storey building that will host the district headquarters
Apr 2022 – Apr 2025	Served as a Board Member and chairperson of Academic Committee of Shikomari Secondary School as appointed by the County Director of Education, Kakamega on 14 th March 2022. I have served successfully from 24 th April 2022 to 24 th April 2025. During my tenure the academic results of the school are on upward trajectory
Apr 2022 – Apr 2025	Served as Board Member and chairperson of Academic Committee of Mabile Boys Secondary School as appointed by the County Director of Education, Kakamega on 14 th March 2022. I have served successfully from 24 th April 2022 to 24 th April 2025. During my tenure the academic results of the school have

	improved as testified by the secretary to BOM, Mabile Boys letter dated 22 nd of April 2025
March 2022 to Date	Vice Chairperson, and Member, Board of Management, Shikomari Secondary School, Kakamega County, Kenya by The Cabinet Secretary, Ministry of Education, Nairobi, Kenya.
18 th Jan 2022	Key Note Speaker on Successful Exit Strategy to BOM, PTA, Teachers, Parents and Form Four Students, During Igunga Girls Secondary School Academic Day
April 2019-Feb22	Chairperson, Board of Management, Eshibeye Secondary School, Kakamega Kenya by The Cabinet Secretary, Ministry of Education, Nairobi, Kenya.
2014-Date	Chairperson, Nyuki Starlets Football Club, Currently Playing in the Kenya Women Division 1 League, 2021-2022 Season.

Languages

English	Fluent (reading, writing, and speaking)
Kiswahili	Fluent (reading, writing, and speaking)
Kimaragoli	Fluent (reading, writing, and speaking)

Referees

- 1 **Current Supervisor**, Dr. Pamela Buhere (PhD), Senior Lecturer in Educational Administration and Chair, Department of Educational Planning and Management, Masinde Muliro University of Science and Technology, P.O. Box 190-50100, Kakamega. Telephone: Office: +, Cell phone:, Email: pbuhere@mmust.ac.ke
- 2 Professor Moses Poipoi (PhD), Dean, School of Education and Associate Professor, Department of Educational Psychology, Masinde Muliro University of Science and Technology P.O. Box 190 – 50100, Kakamega. Cell:. Email: ypoipoi@mmust.ac.ke
- 3 Prof Judah Ndiku (PhD), Registrar, Academic Affairs MMUST and Professor of Educational Administration, Department of Education Planning and Management, Masinde Muliro University of Science and Technology P.O. Box 190 – 50100, Kakamega. Cell:. Email: ndikujuda@yahoo.com, jndiku@mmust.ac.ke
- 4 Rev. Professor Judith S. K. Achoka (PhD), Professor of Educational Administration, Management, and Policy Studies, Department of Education Planning and Management, Masinde Muliro University of Science and Technology, P.O. Box 190-50100, Kakamega. Telephone: Office:. 2139, Cell phone:, Email: jachoka@mmust.ac.ke, achokajudith@yahoo.com