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CURRICULUM VITAE			
PERSONAL INFORMATION	NAME: Prof. Wanjala Martin Manyonge Sibweche		
	DESIGNATION: Associate Professor		
	Area: Education		
	CONTACT: P.O. Box 190-50100, Kakamega-Kenya DEPARTMENT: Department of Science and Mathematics		
	Education.		
1	SCHOOL of Education (SEDU)		
	Email; mwanjala@mmust.ac.ke & msibweche@yahoo.com.		
	CELL PHONE: .		
	ORCID: https://orcid.org/0000-0002-8864-0234		
0	Researcher ID: GLS-3084-2022		
ACADEMIC QUALIFICATIONS	B. Ed Arts; M. Phil; D.Phil. (Moi University, Kenya), Post-doc (University of Witwatersrand, South Africa)		
	Doctor of Philosophy in Curriculum, Instruction and Educational		
	Media (Mathematics Education) Moi University, Kenya, (2006-		
	2010)		
	Master of Philosophy: Educational Communication and		
	Technology Moi University (2003-2005)		
	Bachelor of Education Arts (Mathematics and History) Moi		
	University (1998-2002) Second Class Honors (Upper Division). January 1992-November 1995: Bokoli Boys High School, P.O.		
	Box 330, Bungoma.		
	Certification: Attained Grade B (Plain) with 72 points in KCSE.		
	Jan. 1983-Nov. 1991: Webuye S.A. Primary School, P.O. Box		
	360, Webuye.		
	Certification: Attained 58 points in KCPE.		
EMPLOYMENT EXPERIENCE	Current Position (September 2021-present): Associate Professor		
	of Curriculum, Instruction and Educational Media, Department of Science and Mathematics Education, School of Education.		
	Masinde Muliro University of Science and Technology		
	(MMUST)		
	Previous Positions:		
	a) From October 2016 to August 2021: Senior Lecturer;		
	Department of Science and Mathematics		
	Education. (MMUST)		
	b) From November 2014- to 1 st September 2015: Post- Doctoral fellow in Mathematics Education at the School		
	of Education, Faculty of Humanities at the University of		
	the Witwatersrand, Johannesburg South Africa.		
	c) From December 2010- September 2016: Lecturer;		
	Department of Science and Mathematics Education (MMUST).		
	d) From August 2008- November 2010: Assistant Lecturer;		
	Department of Science and Mathematics Education (MMUST).		
RESEARCH PROJECT EXPERIENCE	Name of Research Project: Mathematics Instructional		
	Practice Improvement Project (MIPIP) Kenya		
	Funded Project: IDRC-CANADA (Grant No. 110513-		
	001) Amount 490,200 CAD Kshs. 47 474 455.61 Year: 1st July 2024 to 30th June 2026		
	Project Title: Mathematics Instructional Practice		
	Improvement		
	Field of Research: Capacity building		
	Role played: Principal Investigator		
	Status: Ongoing		
	Name of Research Project: Strengthening Teacher		
	Mentorship and Support Project (SITMS) funded by		

	IDRC and based in three countries, Kenya, Tanzania and
	Zambia.
	Year: July-November 2023
	Field of Research: Capacity building
	Role played: External Evaluator Status: completed after submitting end term evaluation
	report.
	Name of Research Project: Mathematics Instruction
	Improvement Project (MIPIP)
	2022 MMU/URF/2022/1-017 Funded project
	Year: 2022/2023
	Project Title: Mathematics Instructional Improvement
	Project (MIPIP)
	Field of Research: Capacity building
	Role played: Principal Investigator
	Status: Up scaled
	Two Doctoral researches Funding by the National
	Research Fund (NRF) Kenya
	Year: 2016-2018 Field of Research: Mathematics Education
	Role Played: Supervisor
	Status: Completed
	Name of Research project: Data Informed Practice
	Improvement Project (University of the Witwatersrand,
	South Africa) Funding by the National Research
	Foundation Award (Republic of South Africa) and Wits
	University Research Committee
	Year: 2014/2015
	Field of Research: Mathematics Education
	Role Played: Post-Doctoral Research fellow
1 COMPLETED BUD DDOLECTS.	Status: Completed
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	i D. C. (MC : Md : Fl :)	
	in Bungoma County. (M.Sc. in Mathematics Education)	
	2. Hesborne Otieno Omolo: Geogebra Instruction Software and its Effect on Students' Performance in Mathematics in Secondary Schools of Kakamega Central Sub-County, Kenya. (M. Sc. In Mathematics Education)	
	3. Mercy Luvai: Impact of SMASSE Project on Secondary School Mathematics Teachers Effectiveness in Mumias District. (M. Sc. In Mathematics Education)	
	4. Mwelese Jackson: Effect of Problem Solving Strategy on Secondary School Student's Achievement in Circle Geometry. (M. Sc. In Mathematics Education)	
	5. Polycarp Ishienyi: Perception of Pre-service Teacher Trainees towards the Use of Computers in Mathematics instruction in Secondary Schools in Kenya. (M.Sc. In Mathematics Education)	
	6. Masinde Joseph Wangila: Programmed Instruction on Student's Performance in Structure of Atom and Periodic Table among Secondary School Student's in Kenya. (MSc. In Science Education, Chemistry)	
	7. Wavomba Phoebe: The Implications of Autonomization on Service Delivery in Public Hospitals in Kenya (M. Sc. In Human Resource)	
	Examined 2 PHD and 6 Masters Theses (MMUST)	
CURRENT MASTERS DEGREE PROJECTS	Ken Kangale: Effectiveness of Scaffolding Instructional Technique on Student's Learning Outcomes in Chemistry in Secondary Schools in Bungoma County. (MSc. In Science Education, Chemistry)	
EXTERNAL EXAMINER	External Examiner for the Department of Curriculum and Pedagogy Kibabii University External Examiner for the Department of Curriculum, Instruction and Educational Media (CIEM) University of Kabianga Assignments: Examinations and Teaching Practice	
	Examined 7 PHD and 14 Masters Theses (Egerton, Kisii & Kibabii Universities)	
UNIVERSITY DUTIES	November 2018-May 2019: Acting Coordinator, Webuye Campus (MMUST) 2021 to Present: School Practice Coordinator Kericho Zone	
	School of Education Member School practice committee in the School of Education Member Research and Outreach Activities committee the School of Education Member of curriculum review committee in the School of	
	Education Member of School of Education PSSP committee	
	 SME Departmental Duties: 2011-2013: Chairman Departmental Graduate Studies Committee (DGSC) 	
	 2008-to Date: Academic Advisor Post Graduate Students 2008-2009: Exams and Time Table Coordinator 	
Community Engagement/Social Responsibility	• 2008-2009: Exams and Time Table Coordinator October 2021-September 2022- Hostel Warden, MMUST November 2018 – May 2019: Ag. Coordinator Webuye Campus MMUST	
	February 2018-May 2019: Section Head –Education and Social Sciences (Webuye & Bungoma Campuses, MMUST) 2004/2005: Inter-Faculty coordinator, Moi University	

	Description Access (ACCCA)	
M 1 1 (D 0) D 2	Postgraduate Association (MUGSA)	
Membership to Professional Bodies	Member, Kenya Institute of Management: 2020- 2024	
	Member, Association of Third World Studies, Kenyan Chapter	
	(ATWS): 2005/2006	
Conferences, Higher Level Consultancies, Etc.	9 th – 21 st September 2024 Participated in the Report Writing	
	Workshop for National Assessment Systems for Monitoring	
	Learner Achievement NASMLA Grade 8 Baseline study KNEC	
	August 14, 2024 MMUST GPEKIX Inception Phase:	
	introduction Meeting: GPE KIX Projects on teacher	
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	professional development, agency, and well-being	
	20th 25th M 2024 P did to 1 d P (Wid W 1.1	
	20th - 25th May 2024 Participated in the Report Writing Workshop	
	for evaluation of CBA Main study KNEC	
	and A ii 7th M 2004 P iii ii 1 P ii 1	
	29th April - 7th May 2024 Participated in the Data Analysis and	
	Report Writing Workshop MLA Form 2 Endline study KNEC	
	45th 45th X	
	15 th to 17 th November 2023: Attended the 4 th STEM Education	
	International Conference 2023	
	(STEMEIC 2023)	
	Venue: Masinde Muliro University of Science and Technology	
	(MMUST) Kakamega, Kenya	
	16 th to 18 th October 2023: Attended the SITMS End Term	
	Evaluation Workshop (Kisumu, Kenya 2023)	
	27th to 29th November 2022 : Attended the 2 nd Bomet University	
	College International Conference	
	Venue: Bomet University College of Moi University, Bomet,	
	Kenya	
	16 th to 18 th November 2022: Attended the 3 rd STEM Education	
	International Conference 2022 (STEMEIC 2022)	
	(MMUST) Kakamega, Kenya	
	24th to 28th October 2022: Attended the 4th Annual International	
	Conference on Research and Innovation in Education (University	
	of Nairobi 2022) Kenya	
	Tuesday 23 rd February 2021: Participated in the School of	
	Education Workshop (MMUST), Kakamega	
	25th -27th November 2020: Attended STEM Education	
	International Conference 2020	
	(STEMEIC 2020) (MMUST) Kakamega, Kenya	
	22 nd -24 th May 2018: The 4th Laikipia University International Conference on Sports for Sustainable Development in Kenya and	
	Beyond. (Laikipia University), Kenya	
	September 7 th -9 th 2016: Attended the 3 rd International	
	Interdisciplinary Conference (11C-2016). University of Eldoret	
	Kenya	
	27-30 October 2015: The third South African Education Research	
	Association (SAERA) Conference, Bloemfontein, South	
	Africa.	
	13 / 14 March 2015: Attended the Research Weekend 1: <i>Theory</i>	
	and Methods Workshop 1; Wits School of Education;	
	University of the Witwatersrand, Johannesburg, South Africa	
	22/23 May 2015: Attended the Research Weekend 2: <i>Theory and</i>	
	Methods Workshop 2; Wits School of Education;	
	University of the Witwatersrand, Johannesburg, South Africa	
	May 28 th to 30 th 2014 Attended the 1 st Annual International	
	Conference on Information and Communication Technologies for	
	Sustainable Development. African Nazarene University, Nairobi	
	· ·	
	(Kenya).	

January 23rd to 24th 2014 Attended a University Multiplication Training Workshop on Curriculum Development and Review for Public Universities In Kenya: Implementation and Accreditation MMUST (Kenya). August 12th to 16th 2013 Attended the 2nd Strathmore International Mathematics Conference. Strathmore University Nairobi (Kenya). May 27st to 31st 2013 Attended and presented a paper at the DETA International Conference. Kenya Science Campus, University Nairobi (Kenya). July 23rd to 27th 2012 Attended and presented a paper at the 1st Strathmore International Mathematics Research meeting. Strathmore University Nairobi (Kenya). Tuesday 6th to Saturday10th September 2011: Attended the 7th International Conference. (Moi University) Keny May 2010: Attended and presented a paper at the 2nd International Symposium on Peace. (Moi University) Kenya Tuesday 29th July 2008 - Saturday 1st August 2008: Attended the 4th International Conference. (Moi University) Kenya. Tuesday 31st July 2007 - Saturday 4th August 2007: Attended the 3rd International Conference. (Moi University) Eldoret, Kenya Tuesday 3rd - Thursday 5th July 2007: Attended a campus-wide research workshop, (Moi University) Eldoret, Kenya 1st - 2nd March 2007: Attended a training workshop at the Consortium of International and Professional Association (CIPA-MU), Moi University, Eldoret, Kenya. Tuesday 29th August 2006 – September 2nd August 2006: Attended and presented a paper at the Second International Conference. (Moi University) Eldoret, Kenya 22nd-24th November 2005: Attended the 6th ATWS Conference. (MMUST) Kakamega, Kenya Courses Taught at Undergraduate level: **Pedagogic Experience** Quantitative Skills 1 & II (Elementary Statistics & Financial Accounting): Mathematics Education: Computer Science statistics: Education: Business Managerial Statistics; Management Decision Models & Methods in Early Childhood Mathematics (MMUST, and Africa Nazarene University, Eldoret Campus Kenya) Courses Taught at Postgraduate level: Twenty (23) different Courses in Mathematics education; Science Education; Curriculum and instruction and Research Design and Methodology at both Masters and Ph.D. levels in (MMUST, MOI ,UOE & Kabianga Universities, Kenya) 1. Polycarp Muchesia Ishienyi & Martin Sibweche Wanjala (2019) Mathematics Teachers' Level of Knowledge in Mathematics Content and Students' Achievement in Mathematics in Secondary Schools in IJISET - International SELECTED PUBLICATIONS Kakamega County, Kenya. Journal of Innovative Science, Engineering Technology, Vol. 6 Issue 10, October 2019 ISSN (Online) 2348 - 7968 | Impact Factor (2019) - 6.248 www.ijiset.com Pgs. 335-347 Polycarp Muchesia Ishienyi & Wanjala Martin (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 Sciences Oct, 2019; 7(10):

686-693 ISSN 2347-9493 (Print) | ISSN 2347-5374

- (Online) Journal homepage: http://saspjournals.com/sjahss Pgs. 52946-52953
- 3. **Wanjala Martin M. S.** & Chemeli Janeth (2019) Implications for Professional Development of Pre-Service Teachers for ICT Use in Mathematics Instruction in Kenya. *Elixir International Journal of Educational Technology*. 128 (20190 52946-52953 ISSN: 2229-712x; Website: www.elixirpublishers.com Pgs. 686-693
- 4. Jackson Khayati Mwelese, **Martin Wanjala** & Catherine Aura (2018) Strategies Employed by Mathematics Teachers in Engaging Students in Classroom Discourse. *Journal of Education & Entrepreneurship* ISSN: 2636-4794 (Print) ISSN: 2636-4778 (Online) Vol. 5, No.3, 90-103; 2018 https://doi.org/10.26762/jee.2018.400024 Pgs. 90-103
- Wanjala Martin M. S. (2016)5. Information Communication Technology Pedagogical Integration in Mathematics Instruction among **Teachers** Secondary Schools in Kenya. Journal of Education and Practice ISSN 2222-1735 (Paper) ISSN 2222-288X (Online) Vol.7.No.2. 2016. 66-73 pp http://www.crossref.org. Pgs. 66-73
- 6. Ms. Electine Mbati, Dr. Martin Wanjala and Dr. Peter Edome, (2020) The Biology Teachers' Training Needs and Competencies in the Use of Technology for Biology Instruction in Kenyan Secondary Schools: East African Scholars Journal of Education, Humanities and Literature, ISSN: 2617-443X (Print) & ISSN: 2617-7250 (Online) Volume-3 | Issue-8| Aug- 2020 | Pgs 98-109
- 7. Ms. Electine Mbati, **Dr. Martin Wanjala** and Dr. Peter Edome, (2020) The Biology Content Knowledge and Skills Exhibited by Pre-Service Biology Teachers in Kenyan Universities: *East African Scholars Journal of Education, Humanities and Literature*, ISSN: 2617-443X (Print) & ISSN: 2617-7250 (Online) Volume-3 | Issue-8| Aug- 2020 | Pgs 88-97
- Masinde Joseph Wangila, Catherine Aura and Martin Wanjala, (2020) Effect of Software-Oriented Concept Mapping on Kenyan Students' Achievement in Electrochemistry: International Journal of Education and Social Science Research. ISSN 2581-5148 Vol. 3, No. 04; 2020 www.ijessr.com Pgs 24-38
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