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## CURRICULUM VITAE

**Dr. WANGILA ERIC WEKESA**

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Address: 190-50100, Kakamega, Kenya.

### EXECUTIVE SUMMARY

Eric holds a PhD in Curriculum and Instruction, M.Ed. Scie, BSc. with specialization in Biochemistry and Zoology and a Post-graduate diploma in Education. He has extensive research in the application of emerging technology in classroom instruction. He has published several articles in internationally referred journals and his works highly cross referenced and has mentored many scholars. Currently, he Lectures at Masinde Muliro University of Science and Technology in the school of education, Department of Curriculum and Instructional Technology. He doubles as an exam coordinator of the department.

### CORE COMPETENCIES

- Program Development
- Instructional Strategies
- Curriculum Design and Development
- Team Building
- Performance Evaluation
- Behavioral Management

### ACADEMIC AND PROFESSIONAL ACHIEVEMENTS

Year	Qualifications and Institutions
2015	PhD in Curriculum and Instructional Technology in the Department of Curriculum and Instructional Technology, Masinde Muliro University of Science and Technology
<b>Thesis Title:</b>	<b>Effect of Computer Based Instruction on Students' Attitude, Perception of Classroom Environment and Achievement in Rural Secondary Schools in Kenya.</b>
Sept 2000 – Feb 2003	M.Ed. Science in the Department of Curriculum and Instruction, Egerton University
<b>Thesis Title:</b>	

	<b>Effect of a Computer-Based Instruction Module on Learners' Achievement, Perception of Classroom Environment and Attitude Towards School biology in Nakuru District, Kenya</b>
2001	Certificate in Computer Application in the Department of Computer Science, Egerton University
1998-1999	Post Graduate Diploma in Education (PGDE), Kenyatta University <b>Concentration:</b> Methods of teaching Science in Secondary School
1992-1996	BSc. In Biochemistry and Zoology, Egerton University
1987-1990	Kenya Certificate of Secondary Education ( <b>KCSE</b> ), St. Anthony Sirisia Secondary school
1978-1986	Kenya Certificate of Primary Education ( <b>KCPE</b> ), Kabula R.C. Primary school

## EMPLOYMENT HISTORY

<b>Year</b>	<b>Organization &amp; Position</b>
Sept 2018- Date	Lecturer in the Department of Curriculum and Instructional Technology, Masinde Muliro University of Science and Technology.
2018- Date	Departmental Examination and Timetable Coordinator -CIT
April- May 2019	Ag CoD. Department of Curriculum and Instructional Technology
2019	School practice coordinator
2018	Chairman, Policies Editorial Committee, University of Embu.
2019	BOM CHAIR St. Anthony Naburereya Secondary School
Jan 2017 – Aug 2018	Lecturer University of Embu, department of Education Communication Administration and Planning (DECAP).
2015 - 2016	Part time lecturer at Kibabii University
2013 – to-date:	Associate Consultant with Time Bound Consultancy Africa
2011-2015	Part time lecturer at Egerton, Kabarak, Masinde Muliro and Kibabii Universities
2007-2014	Part time lecturer at Egerton and Kabarak universities

1997 – 2016	High School Teacher in various secondary schools rising to the rank of Deputy Principal
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### STUDENT SUPERVISION & MENTORSHIP

Name/Institution	Category	Research Topic	Topic Status
Bibiana Ruguru Ileri (Sr), UoEM	<b>PhD</b>	Practices of Policy and the Implementation Inclusive Education in Public Secondary Schools in Tharaka-Nithi County- Kenya	<b>Graduated</b>
Julius Kimeli, MMUST	<b>Masters</b>	The Influence of socio-economic factors on Pupils academic Performance in Primary schools in Nandi North Sub-County, Kenya	<b>Graduated</b>
Esther Njeri, MMUST	<b>Masters</b>	Factors Influencing Student Enrolment and Academic Achievement in Agriculture in Secondary Schools in Kakamega Central Sub County, Kenya	<b>Graduated</b>
Grace Murithi, UoEM	<b>PhD</b>	Learners' Self-efficacy in the topic of probability in Mathematics; A case of Secondary Schools in Meru County, Kenya.	<b>Thesis writing</b>
Knight Tundo, MMUST	<b>PhD</b>	<i>Texts and examinations as dominant approach to evaluation and its influence on curriculum implementation in public secondary schools, Kenya.</i>	<b>Thesis writing</b>
Damaris Muthoka, MMUST	<b>Masters</b>	<i>Effect of field attachment on practical Agricultural skills in middle level training institutions</i>	<b>Data collection</b>
Mary Nyiva Makau, MMUST	<b>Phd</b>	Integration of value based education in primary school teacher training colleges in Kenya	<b>Proposal writing</b>

### THESIS EXAMINATION

Name/Institution	Category	Research Topic	Status
<b>Carolyne Nabwoba, MMUST</b>	<b>PhD</b>	Funding practices in public secondary schools and their influence on academic achievement in Kenya	<b>Graduated</b>
<b>Ongeti Karren Ohanga</b>	<b>PhD</b>	“Implications of Educational Language Policy and Practice on Learners’ Academic Achievement at Lower Primary School in Kenya”	<b>submitted</b>

#### ON GOING RESEARCH

CALL/SPONSOR	PROJECT TITLE	STATUS	POSITION
<b>URF</b>	The Psychosocial Effect of Covid-19 on the Livelihood of Border Land Communities in the Lake Victoria Region of Kenya	Data analysis	CO-PI
<b>FINISH GVT</b>	Training Trainers for Teacher Education and Management in Kenya ( <i>TOTEMK</i> )	Baseline survey	Participant
<b>URF</b>	Mathematics Instruction Practice Improvement Project (MIPIP)	Baseline survey	CO-P1

## PUBLICATIONS

- John O. Shiundu, Moses W. Poipoi, Caroline S. Wekullo, James B. Ouda, **Eric W. Wangila** and Lavender Mwanzo, Enid Keseko, and Peter Bukhala. (2022). The Psychosocial Effect of COVID-19 on the Livelihood of BorderLand Communities in the Lake Victoria Region of Kenya
- Knight T. & Wangila E.w (2020). The Effect of Frequency of Tests and Examinations on Curriculum Implementation in Public Secondary Schools in Kenya. *International Journal of Scientific Engineering and Applied Science (IJSEAS) – Volume-6, Issue-6, June 2020*
- Ileri, B. R; King’endo, M; **Wekesa, E. W** & Thurania, S (2020). Policy strategies for effective implementation of inclusive education in Kenya. International Journal of Educational Administration and Policy Studies. Vol.12(1), pp. 28-42, January-June 2020.
- Ileri, B. R; King’endo, M; **Wekesa, E. W** & Thurania, S (2020). Structural modification challenges facing the implementation of inclusive education policy in public secondary schools in Tharaka-Nithi County. International Journal of Educational Administration and Policy Studies. Vol.12(2), pp. 147-158, July-December 2020.
- Ileri, B & **Wekesa, E.W.** (2019). The impact of stakeholder’s involvement towards the implementation of inclusive education in public secondary schools-Kenya. American educational research journal.
- Njeri E; Shiundu, J.O & **Wekesa, E.W.** (2019). Teaching /Learning Resources and the Implementation of Agriculture Curriculum in Kakamega Central Sub-County, Kenya. Journal of Education and Practice Vol.10, No.19. ISSN 2222-1735.
- **Wekesa, E.W.** (2016). Computer Based Instruction. Lambert Academic Publishing. ICISBN 97836597511905.
- Wasike D. W; **Wekesa E. W.** & Amadalo M.M. (2013). A computer Simulated Module for Teaching Cell Division in Secondary School Biology. International Journal of Research and Development Vol.2 (5), pp 114-130 .
- Wasike D. W; **Wekesa E. W**; Indiku M. & Maiyo J. (2008). Student’s reactions to the use of computers in science in selected Kenyan secondary schools. PEC 9(9): 107-114.
- **Wekesa, E.W**; Kiboss, J. K. & Ndirangu, M. (2006). Improving Students’ Understanding and Perception of Cell Theory in School Biology using a Computer-Based Instruction Simulation Program. Journal of Educational Multimedia and Hypermedia vol. 15(4).
- Ndirangu, M; Kiboss, J.K. & **Wekesa, E. W.** (2005). Reflections from a Computer Simulations on Cell Division in selected Kenyan Secondary Schools. The Science Education Review, 4 (4).
- Kiboss, J.K; Ndirangu, M. & **Wekesa, E. W.** (2004).Effectiveness of a Computer-Mediated Simulations Program in School Biology on Pupils’ Learning outcome in Cell Theory. Journal of Science Education and Technology Vol.13 (2).

### Book chapter

- *UNDERSTANDING THE CONCEPT AND PROCESS OF EDUCATION, TEACHING AND SCHOOL OPERATION*- university level teaching text book by **Wangila**, Shiundu, Mutsotso, poipoi, Carolyne, Ouda and Mutavane.

### Research Proposals Written

- John O. Shiundu, Moses W. Poipoi, Caroline S. Wekullo, James B. Ouda, **Eric W. Wangila** and Lavender Mwanzo. *The Psychosocial Effect of COVID-19 on the Livelihood of Borderland Communities in the Lake Victoria Region of Kenya*. Submitted for the MMUST University Research Fund (URF) 2<sup>nd</sup> Call for Research Proposals on COVID-19. 2020. (**Funded**).
- Caroline S. Wekullo, James B. Ouda, Moses W. Poipoi, John O. Shiundu, **Eric W. Wangila**, and Stanley Mutsotso. *Community Research Mentorship Program: An Approach for Building Capacity for Research and Development in Social Sciences*. Submitted to CODESRIA (**Under Review**).
- Moses W. Poipoi, John O. Shiundu, Caroline S. Wekullo, James B. Ouda, Stanley Mutsotso, Anthony Mutevane, **Eric W. Wangila**, Jane Situma and Lavender Mwanzo. *Effect of COVID-19 on the Livelihood of the Communities in the Lake Victoria Region of Kenya*. Submitted to National Research Fund (NRF), Kenya 2010/21 Call for proposals on Collaborative Research on Coronavirus Disease (COVID-19) (**Under review**).
- Wanjala Martin, Wangila Eric, Lynda Joanne, Aura Cathrine, Mukonyi Philip, Billford, Mercy Sharon, Rose Anene. Mathematics Instruction Practice Improvement Project (MIPIP). Submitted for the MMUST University Research Fund (URF) 3<sup>rd</sup> Call for Research Proposals 2021. (**Funded**).

### WORKSHOPS/SEMINARS/ CONFERENCES ATTENDED

- **25<sup>th</sup> November 2021**: Workshop for dissemination of research findings on Psychosocial and Socioeconomic Effect of COVID-19 on the Livelihood of Border Land Communities in the Lake Victoria Region of Kenya. Venue: Agricultural Training Centre, Busia. Organizer and Facilitator.
- Attended and presented a paper at the World Conference on (WCTE) from 26<sup>th</sup>-28<sup>th</sup> July 2018 held at Masinde Muliro University of Science and Technology. Theme: Rethinking Curriculum, Pedagogy and Research in Africa.
- Attended and presented a paper at the 1st pan African International Research Congress on Knowledge Generation and Dissemination (PAIRC 2018) hosted by Masinde Muliro University of Science and Technology on 18<sup>th</sup>-21 June 2018 at the Grand Royal Swiss Hotel, Kisumu-Kenya theme: Harnessing Research Output for Sustainable Development.

- Attended and presented a paper at the 1st Annual International Conference on decolonizing Education from 6th -8 June 2018 at the University of Embu.
- Attended a workshop on “Writing for Research Publication” held at Kenyatta University, on July 18, 2017 in collaboration with Syracuse University.
- Attended and successfully completed the program ISO 27001:2013 Information Security Management System (ISMS) Implementation Course held on 17<sup>th</sup>-19<sup>th</sup> May 2017 by Maier Consulting Limited at University of Embu.
- Attended and successfully completed the program ISO 9001:2015 Quality Management System Implementation Course held on 9<sup>th</sup>-11<sup>th</sup> May 2017 by Maier Consulting Limited at University of Embu.
- Attended Associations of Third World Studies (ATWS) International Conference, Kenya Chapter held at Masinde Muliro University College of Science and Technology (MMUST) from 22-24 November 2005.
- Presented a paper entitled Development of a Computer Mediated Simulation Module for teaching Cell Division Topic in Secondary Biology at ATWS International Conference, Kenya Chapter held at MMUST from 22-24 November 2005.
- Attended Global-ITE International Conference Monday, June 3/ Tuesday, June 4, 2002 Njoro, Egerton University.

## **AWARDS**

1. The Psychosocial Effect of COVID-19 on the Livelihood of Borderland Communities in the Lake Victoria Region of Kenya. Submitted for the MMUST University Research Fund (URF) 2<sup>nd</sup> Call for Research Proposals on COVID-19. Year: 2020. Amount: Ksh. 1,000,000.
2. A awarded the competitive ST & I research grant by NACOSTI towards my PhD research. Amount: Ksh. 1,200,000.
3. Nominated the best doctoral student of the year 2015 at the 1st Gala dinner at MMUST held at the Multipurpose all.

## **PROFESSIONAL MEMBERSHIP/AFFILIATIONS**

<b>Organization/ Institution</b>	<b>Position held</b>	
Elgovic Research Consortium	Member	
Educational Management Society of KENYA(EMSK)	Member	
Christian & Scientific Association of Kenya	Member	

## **LEADERSHIP AND RESPONSIBILITY**

1. Ag. Head of department, Curriculum and Instructional Technology, April-June 2019
2. Timetable and examinations coordinators, department of Curriculum and Instructional technology
3. Chairman, Curriculum Review Committee in the School of Education, 2021





## SERVICE

### Service to the University

4. Ag. Head of department, Curriculum and Instructional Technology, April-June 2019
5. Timetable and examinations coordinators, department of Curriculum and Instructional technology
6. Zonal coordinator, school practice Kisii/Nyamira zone, January- March 2019
7. Zonal coordinator, school practice Bungoma zone, May 2019 to present
8. Chairman, Curriculum Review Committee in the School of Education, 2021

### Community Service

2019	Vice Chairman of the Board of Management (BOM) St. Anthony Naburereya Secondary School
2019	Guest speaker at <b>Sigomre</b> Secondary school on Role of parents in the awake of Free day secondary education (FDSE)
2019	Presided over and facilitated the PEFA Regional Youth Week Conference held at Maraba PEFA church.
2013	Wrote a grant proposal to Mumias East Constituency towards the construction and equipping of a <b>Computer Laboratory</b> in favour of <b>St. Pauls's Lubinu Boys</b> High school- <b>Funded</b> .
2015	Wrote a grant proposal to Mumias East Constituency towards the <b>hydrological survey, and drilling and construction of bore hole water</b> in favour of <b>St. Pauls's Lubinu Boys</b> High school- <b>Funded</b> .
2003-2013	Founder member and secretary to St. Leo Shianda Catholic Church.
2007 date	Founder and member of the Association of the African Needy Child, Kenya Chapter.

## HOBBIES

- Reading novels
- Watching Movies
- Listening to music

## REFEREES

### 1. Prof. John. O. Shiundu

Professor of Education MasindeMuliro University of Science and Technology,  
Box 190 Kakamega.  
Tel.0723333560.

**2. Prof. Simiyu Aggrey Mukasa**

Associate Professor of Education MasindeMuliro University of Science and  
Technology,

Box 190 Kakamega .

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**3. Prof. Moses Poipoi Wesangula**

Dean School of Education

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Technology

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**Name:** Dr. Eric Wangila Wekesa

**Date:** 11<sup>th</sup> April, 2022

**Signature:**



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