

CONFERENCE PROGRAMME

# TWELFTH ANNUAL EDUCATIONAL RESEARCH AND EVALUATION INTERNATIONAL CONFERENCE

**THEME: NAVIGATING THE NEXT HORIZON IN BASIC AND HIGHER EDUCATION: BUILDING RESILIENCE, DRIVING RENEWAL AND STRENGTHENING RESPONSIBILITY**

**12<sup>TH</sup> -13<sup>TH</sup> MARCH, 2026 AT CHUKA UNIVERSITY, KENYA, MAIN CAMPUS**



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**SOCIETY OF EDUCATIONAL RESEARCH AND EVALUATION IN KENYA IN COLLABORATION WITH CHUKA UNIVERSITY, KENYA**

DAY ONE		THURSDAY 12 TH MARCH 2026		
8.00 AM - 9.00 AM		REGISTRATION		
		Dr. Sr. Pauline Kebenei/ Dr. Janet Mulwa		
EVENT		OPENING SESSION PLENARY		
VENUE		ROOM ONE		
MASTER OF CEREMONY		Prof. Joseph Otsyuloh/ Dr Peter Kimanthi		
RAPPORTEUR		Dr. Josephine Kirimi		
9.00 AM – 9.15 AM		Welcoming Remarks: SEREK – Chairman – Prof. Paul Maithya/ SEREK – Patron – Prof. Paul Ogula		
9.15 AM – 9.30 AM		Welcoming Remarks: DVC (AFP&D-Chuka Univ) Prof. Jonah N. Kindiki		
9.30 AM - 9.45 AM		Welcoming Remarks: DVC (ARSA - Chuka Univ) Prof. Gilbert Nduru		
9.45 AM – 10.30 AM		OPENING SPEECH: CHIEF GUEST: <i>Prof. Henry Mutembei M'ikiugu</i> – The Vice-Chancellor Chuka University		
10.30 AM – 10.45 AM		Special Guest: Dr. Wahome Rureri (Ph.D): - State Department of Higher Education and Research		
10.45 AM - 110.00AM		GROUP PHOTO/PLANTING TREE/TEA-HEALTH BREAK: Co-ordinator		
EVENT		OPEN FORUM DISCUSSION SESSIONS		
VENUE		Room 1	Room 1	Room 1
SUB THEME		Plenary – Open Forum Discussion (Round Table) on: Building Resilience, Driving Renewal, and Strengthening Responsibility in Education	Plenary – Open Forum Discussion (Round Table)	Plenary – Open Forum Discussion (Round Table)
CHAIR		Dr. Peter Kimanthi/ Prof. Joseph Otsyuloh		
RAPPORTEUR		Dr. Josephine Kirimi		
11.00AM - 11.20 AM		Dr Reuben Mutegi: Consultancies, Grants, Fundable Projects and Collaborative Scholarship as Sustainable Income Streams		
11.20 am – 12.30 PM		Discussion on: building resilience, driving renewal, and strengthening responsibility in education		
12.30 PM - 1.00 PM		DISCUSSANT	DISCUSSANT	DISCUSSANT
1.00 PM - 2.00 PM		LUNCH BREAK		
EVENT		PARALLEL SESSIONS		
VENUE		Room 1	Room 2	Room 3
SUB THEME		RENEWING EDUCATIONAL PRACTICE AND RESEARCH CULTURE	EQUITY, ACCESS, AND SOCIAL JUSTICE IN EDUCATION	MENTAL HEALTH, WELLBEING, AND HUMAN FLOURISHING
CHAIR		<i>Dr. Fred Namasaka</i>	<i>Prof. Stephen Kipkorir Rotich</i>	<i>Dr. Lilly Alice Murugi</i>
RAPPORTEUR		<i>Dr. Jeremiah Mulinge Kawinzi</i>	<i>Joselyn Kawira M.</i>	<i>Dr. Wilfred Mogire Monyoro</i>
2.00 PM - 2.15PM		A Multi-Level Analysis of Green HRM Practices as Catalysts for Sustainable Curricular Reform <i>Jonathan William Omolo</i>	Balancing Learner Agency and Parental Understanding of CBE Framework in Career Pathway and Senior School Selection in Kenya <i>Joselyn Kawira M.</i>	Educational Level of the Parents: Does it Influence the Disruptive Behaviour of Students in Secondary Schools in Nakuru County

			<i>Pauline W. Mucugu</i>
2.15 PM - 2.30 PM	<b>Use of Gender Transformative Pedagogies in Mathematics Instruction in Public Secondary Schools in Lower Eastern Region, Kenya</b> <i>Benedict Maluni</i>	<b>Governance Failures and Uasu Cba Implementation Gap: Analyzing Implications in Kenyan Public Universities</b> <i>Stephen Kipkorir Rotich</i>	<b>Influence of Guidance and Counselling Programmes on Students' Optimism in Public Secondary schools in Westlands Sub-County, Nairobi</b> <i>Poline Njeri, Grace Gatune &amp; Mercy Nkinga</i>
2.30 PM - 2.45 PM	<b>Competence Based Education in Junior School in Kenya; Prospects and Challenges</b> <i>Kinyua Mary Kanana, Dr. Ogembo John Otieno and Dr. Mabubi Peter</i>	<b>Influence of Cultural Factors on Students' Participation in Public Day Secondary Schools in Tharaka South Sub-County, Tharaka Nithi County, Kenya</b> <i>Monene Ochanda Justine</i>	<b>Influence of Muguka Related Activities on Students' Self-Acceptance Levels in Mbeere South Sub County, Embu County, Kenya</b> <i>Njeru Innocent Nyakio, Grace Gatune Muriithi &amp; Mercy Nkinga Kariuki</i>
2.45 PM - 3.00 PM	<b>Covid-19 Protocols and Student Dropout Rates During the Covid-19 Pandemic in Public Secondary Schools in Lower Yatta Sub-County, Kitui County, Kenya</b> <i>Joyce Musamu<sup>1</sup>, Dr. Janet Mulwa<sup>2</sup>, Dr. Rose Mwanza<sup>3</sup></i>	<b>Influence of School Environment on Satisfaction with Public Boarding Secondary Schools among Students in Maara Sub-County, Kenya</b> <i>Muchiri, C.K. and M.M James</i>	<b>Influence of Student Accommodation on their Wellbeing at Kenya Medical Training College</b> <i>Dr. Lilly Alice Murugi</i>
3.00 PM - 3.15 PM	<b>Development of Teacher Expertise Towards Competence-Based Curriculum</b> <i>Dr. Fred Namasaka (Ph D)</i>	<b>Physical Facilities Influencing Transition of Learners with Visual Impairment from Integrated Pre-Primary to Public Primary Schools in Narok County, Kenya</b> <i>Shinali Maryconsolata<sup>1</sup> &amp; Asewe Elizabeth Oluoch<sup>2</sup></i>	<b>The Moderating Effect of Organization Culture on the Relationship Between Occupational Health and Safety Practices and Employee Performance in Organizations</b> <i>Prof. Otsyulah Joseph Okumu<sup>1</sup> &amp; Dr. Christine Gitonga<sup>2</sup></i>
3.15 PM - 3.30 PM	<b>Effect of teacher retooling on the Implementation of the Competency-Based Education in Makueni County, Kenya</b> <i>Dr. Jeremiah Mulinge Kawinzi (Ph.D.) &amp; Dr. Janet Mulwa (Ph.D.)</i>	<b>Relationship between Implementation of School Feeding Program and Social Equity among Primary School Pupils in Tiaty West Subcounty, Baringo County, Kenya</b> <i>Ecclesias Kigen &amp; Dr. Peter Kimanathi, PhD</i>	<b>Parental Emotional Distress as a Determinant of Pregnancy Among Secondary School Teenage Girls in Igembe Central Sub County, Meru County, Kenya</b> <i>Karwamba, A.N; Kamoyo, J.M; Oundo, B.M</i>
3.30 PM - 3.45 PM	<b>Effectiveness of Experiential Learning Approach on Secondary School Students' Achievement in Physics in Meru County, Kenya</b> <i>Kairo Nkirote Catherine</i>	<b>Social Justice in University Education Acquisition in Kenya: Bridging Structural Inequalities in Access, Participation and outcomes</b> <i>Dr Motanya, Jared Ochwangi</i>	<b>Self-Concept Skills and Learners' Participation in School Activities in Public Junior Schools in Igambang'ombe Sub-County, Tharaka Nithi County, Kenya</b> <i>Fridah Karimi Murungi, Grace Muriithi &amp; Joachim Njagi</i>
3.45 PM - 4.00 PM	<b>Evaluation of Competency-Based Education Implementation in Teaching Physical Education to Learners with Visual Disabilities in Kenya</b> <i>Rose Jakinda<sup>1</sup> &amp; Simon Munayi<sup>2</sup></i>	<b>Structural Shifts in African Kinship: Evaluating Marriage and Family Dynamics in Contemporary Society</b> <i>Wilson Adina Otengah</i>	<b>The Influence of Recreational Sports Participation On Self-Esteem Among the Child Offenders in Rehabilitation Schools in Kenya</b> <i>Purity Kagwiria Mureithi</i>
SUB-THEME	<b>RENEWING EDUCATIONAL PRACTICE AND RESEARCH CULTURE</b>	<b>RENEWING EDUCATIONAL PRACTICE AND RESEARCH CULTURE</b>	<b>LEARNING SCIENCES AND PEDAGOGICAL INNOVATION</b>
4.00 PM – 4.15 PM	<b>Expanding Learning Opportunities for Marginalized Group through Blended Learning Mode</b> <i>Joseph Kabage</i>	<b>School Infrastructural Resources Preparedness for the Implementation of Competence-based Curriculum in Public Primary Schools in Meru South Sub-County, Tharaka Nithi County, Kenya</b> <i>Kaburu Kawira Lenity<sup>1</sup> Dr John Ogembo<sup>2</sup> Dr Peter Kimanathi Mbaka<sup>3</sup></i>	<b>AI-Mediated Cognitive Apprenticeship for Innovation Education in Low-Infrastructure Post-Colonial Contexts: A Design-Based Case Study of Tharaka Invention Academy</b> <i>Prof. Judson Singer</i>
4.15 PM – 4.30 PM	<b>Extent of Improvisation of Instructional Resources for Teaching of Early Childhood Development and Education Literacy Skills in Kiambaa Sub-County Kiambu County Kenya</b> <i>Wacuka Mary Wambui</i>	<b>Teacher Training and Professional Development and Challenges in the Implementation of Competency-Based Curriculum in Junior Schools in Matungulu Sub County, Kenya</b> <i>Dr. KenKelvin Kimathi<sup>1</sup> &amp; Dr. Tom Kuja<sup>2</sup></i>	<b>Benefits and Barriers to Mentorship Among Diploma Nursing Students at Our Lady of Lourdes Mutomo College of Health Sciences, Kenya</b> <i>Nyamu Mwaria Darius</i>

4.30 PM – 4.45 PM	<b>Extent of Influence of Chunking Activities on Kiswahili Language Instructional Process in Public Secondary Schools in Kirinyaga Central Sub County, Kenya</b> <i>Gitonga Kelvin Githinji, Dr. John Otieno Ogembo (PhD) &amp; Dr. Monica Ituma (PhD)</i>	<b>Influence of Teacher-Related Factors on Implementation of Competency Based Curriculum in Public Special Schools for Learners with Visual Impairment in Kitui County</b> <i>Mutembei Stephen Christopher and Dr. Emily Nyambisi</i>	<b>Integrating ICT to Improve Mathematics Teaching in Secondary Schools: A Case Study of Selected Schools in Nyamira County, Kenya</b> <i>Dr. Wilfred Mogire Monyoro</i>
4.45 PM – 5.00 PM	<b>Fostering Mathematical Resilience through Mathematical Story Picture Books: Mediating Incremental Mindset Growth in Grade Three pupils aged 7 to 8 years with Mathematics Anxiety in Kenya</b> <i>Harrison Njaru Mbogo, Ros Weir McLellan &amp; Johnston-Wilder Sue</i>	<b>Curriculum Flexibility and Institutional Capacity as Foundations for Educational Continuity in the Digital Age</b> <i>Rosalia Mumo, Ahmed O. Warfa &amp; Kelvin Musango</i>	Leveraging Learning Sciences Research to Enhance Evidence-Informed Pedagogy in Competency-Based Education in Kenya <i>Johannes Njagi Njoka &amp; Ezekiel Mbitha Mwenzwa</i>
5.00 PM - 5.30 PM	DISCUSSANT	DISCUSSANT	DISCUSSANT
5.30 PM - 6.00 PM	TEA-HEALTH BREAK/DEPARTURE FOR THE DAY		
<b>DAY TWO</b>	<b>FRIDAY 13TH MARCH 2026</b>		
EVENT	MORNING SESSION PLENARY		
VENUE	ROOM ONE		
MASTER OF CEREMONY	Prof. Joseph Otsyuloh/ Dr. Monica G. Ituma		
RAPPORTEUR	Samson Guantai Raiji		
8.00 AM - 9.00 AM	GUEST SPEAKER: Dr. Florence Kithinji – Kenya School of Government		
EVENT	PARALLEL SESSIONS		
VENUE	Room 1	Room 2	Room 3
SUB THEME	RENEWING EDUCATIONAL PRACTICE AND RESEARCH CULTURE	RESPONSIBLE LEADERSHIP AND ETHICAL STEWARDSHIP	LEARNING SCIENCES AND PEDAGOGICAL INNOVATION
CHAIR	Dr. Monica G. Ituma	Dr. Rosalia Mumo	Dr Beatrice Ombaka
RAPPORTEUR	Samson Guantai Raiji	Lawrence Mutwiri Mburuki	Martin Ochieng Deya
9.00 AM - 9.15 AM	<b>Forging Ahead in Foundational and Advanced Education: Cultivating Resilience, Fostering Renewal, and Upholding Responsibility</b> <i>Paul M Maithya</i>	<b>Influence of Students' Council Communication Skills on Management of Discipline in Secondary Schools in Mbeere South Sub-County, Embu County, Kenya</b> <i>John Kariuki Simba, Dr. Eric Mwendwa Elias &amp; Dr. Peter Kimanathi Mbaka</i>	<b>Perceptions on Relevance of Selected Social Media Platforms on English Language Instruction in Public Secondary Schools in Muthambi Sub County, Tharaka Nithi County Kenya</b> <i>Nelly Kananu, Mercy Wanja Njagi &amp; Mercy Nkinga Kariuki</i>
9.15 AM - 9.30 AM	<b>Influence of Contextual Factors on Implementation of Media Policies Protecting Children Against Harmful Television Content in Nairobi County</b> <i>Samson Guantai Raiji</i>	<b>Parental Conflicts as a Determinant of Pregnancy Among Secondary School Teenage Girls in Igembe Central Sub County, Meru County, Kenya</b> <i>Kamoyo, J.M; Karwamba, A.N; Oundo, B.M</i>	<b>Relationship Between Instructional Methods and Outcome of Scientific Training on Biological Evidence Management by Crime Scene Investigators in Nairobi County</b> <i>Martin M. Ithawa<sup>1</sup>, John O. Ogembo<sup>2</sup> &amp; Monica G. Ituma<sup>2</sup></i>
9.30 AM - 9.45 AM	<b>Influence of Parental Disciplinary practices on Critical Thinking and Problem-Solving Competence in Pre-primary Schools in Uasin Gishu County</b> <i>Kimeli Jepkorir Kimeli<sup>1</sup> &amp; Tonui Chepng'etich Betty<sup>2</sup></i>	<b>The Influence of Strategic Monitoring and Evaluation on Performance of County Pension Fund, Kenya</b> <i>Samuel Roika<sup>1</sup> &amp; Dr Beatrice Ombaka<sup>2</sup></i>	<b>Teacher Challenges experienced when using the IBL approach in learning of Physics</b> <i>Kinyanjui Godfrey Kimiru &amp; Dinah C. Samikwo</i>
9.45 AM - 10.00 AM	<b>Influence of Perceived Organizational Climate on Implementation of Competency Based Education in Public Junior Schools in Kenya. A case of Bomet and Kericho Counties</b> <i>Sr. Dr. Kebenei Pauline</i>	<b>Transactional Communication and Institutional Performance in Public Secondary Schools in Meru Central Sub-County, Kenya</b> <i>Floridah Karwitha and Dr. Peter Kimanathi Mbaka (PhD)</i>	<b>School Management Factors Influencing Academic Performance in Agriculture Subject Among Public Day Secondary Schools in Kisumu County, Kenya</b> <i>Martin Ochieng Deya</i>
10.00 AM - 10.30 AM	DISCUSSANT	DISCUSSANT	DISCUSSANT
10.30 AM - 11.00 AM	TEA-HEALTH BREAK		
EVENT	PARALLEL SESSIONS		
VENUE	Room 1	Room 2	Room 3

SUB THEME	RENEWING EDUCATIONAL PRACTICE AND RESEARCH CULTURE	RESPONSIBLE LEADERSHIP AND ETHICAL STEWARDSHIP	LEARNING SCIENCES AND PEDAGOGICAL INNOVATION
CHAIR	<i>Dr. Noel U. Otiende</i>	<i>Dr James Mwenda Murungi</i>	<i>Dr. Jane M. Njuguna</i>
RAPPORTEUR	<i>Kithinji Rugendo Wairambu</i>	<i>Lawrence Mutwiri Mburuki</i>	<i>Ouma Deni</i>
11.00 AM - 11.15 AM	<b>Integrating Socio-Cultural Dynamics into Language Curriculum for Social Sustainability and Inclusive Education</b> <i>Rose Kihiu &amp; Dr. Josephine Kagwiria Kirimi</i>	<b>Students' Councils' Practices and Participatory Decision-Making in Public Secondary Schools in Tigania East Sub County, Meru County, Kenya</b> <i>Lawrence Mutwiri Mburuki</i>	<b>Instructional Resources and Biology Instruction in Secondary Schools in Imenti-Central Sub-County, Meru County, Kenya</b> <i>Mukiri Naomi, Dr. John Ogembo &amp; Prof. Susan Kinyua</i>
SUB-THEME	RENEWING EDUCATIONAL PRACTICE AND RESEARCH CULTURE	TECHNOLOGY, TRANSFORMATION, AND TRUST	COMMUNITY ENGAGEMENT AND PARTNERSHIP ECOSYSTEMS
11.15 AM - 11.30 AM	<b>Mathematics Anxiety Levels and Implications for Pedagogy and Achievement: The Context of Public Junior Schools in Kenya</b> <i>Dr. Joachim Njagi, Dr. Hannah Kang'ara, Dr. Peter Kimanthi, Dr. Mary Mugambi, Dr. Noel Usinde, Dr. Jacob Kirimi, Dr. Charles Kiptum, Dr. Harrison Mbogo &amp; Dr Milka Nyaga</i>	<b>Challenges of Utilization of Digital Tools in English Language Instruction in Public Secondary Schools in Maara Sub-county, Tharaka-Nithi County, Kenya</b> <i>Njeru K. Brenda, Ogembo J. (PhD), Kariuki M. (PhD)</i>	<b>Choices In University Collaboration Within University-Community Partnerships in Kenya: Evidence from the Koyo Stingless Bees Project</b> <i>Ouma Deni</i>
11.30 AM - 11.45 AM	<b>Metacognitive Awareness and Mathematics Competence Among Students in Public Senior School in Embu County, Kenya</b> <i>Kithinji Rugendo Wairambu</i>	<b>Safeguarding Academic Credibility: Implications of Generative Artificial Intelligence for University Teaching, Assessment, and Research</b> <i>Esther Njoki Gacheru</i>	<b>Social Influence of Community Relations on Management of Public Primary Schools in Imenti Central Sub-County of Meru County, Kenya</b> <i>Nkaabu Douglas Muriuki<sup>1</sup>, Dr. Peter Kimanthi, PhD<sup>2</sup> &amp; Dr. Benjamin Kanga, PhD<sup>3</sup></i>
SUB-THEME	RENEWING EDUCATIONAL PRACTICE AND RESEARCH CULTURE	TECHNOLOGY, TRANSFORMATION, AND TRUST	RESILIENT INSTITUTIONS IN A CHANGING WORLD
11.45 AM - 12.00 PM	<b>Needs Analysis for Training Youths in Green Skills in Meru County, Kenya</b> <i>Kariuki N. Moreen, Ogembo O. John, Ituma Monica Gakii &amp; Joyce G.N.Kindiki</i>	<b>Stone Soup: Reimagining Virtual Global Engagement for an Interconnected and Fragmented World</b> <i>Prof. Allison Witt, PhD</i>	<b>Employing Management Strategies to provide Quality Education Amidst Resource Constraints in Junior Comprehensive Schools in Kwale Sub-County, Kenya</b> <i>Jane M. Njuguna (PhD) &amp; David M. Mutua</i>
12. 00 PM - 12.15 PM	<b>Operationalizing Educational Research into Actionable Output in Kenya</b> <i>Monica G. Ituma and Noel U. Otiende</i>	<b>Technology, Transformation, and Trust in Kenya's Education Reforms: Digital Innovation Under Competency-Based Education and Higher Education Transformation</b> <i>Brenda Salome Omondi</i>	<b>Resilient Governance and Capacity Building in Education: A Foundation for Responsible Nuclear Energy Development in Kenya</b> <i>Faith Sila</i>
SUB-THEME	RENEWING EDUCATIONAL PRACTICE AND RESEARCH CULTURE	ASSESSMENT REIMAGINED: AUTHENTIC LEARNING AND CREDENTIALING	SUSTAINABLE FUTURES AND ENVIRONMENTAL LITERACY
12.15 PM - 12.30 PM	<b>Reclaiming Indigenous Pedagogies: How the Ameru Educated the Boychild in Precolonial Kenya</b> <i>Dr James Mwenda Murungi</i>	<b>Achievement Motivation as a Predictor of Academic Achievement among Secondary School Students in Kirinyaga County, Kenya</b> <i>Ndungu, Rahab Wanjiru</i>	<b>Influence of Project Approach on Learner Participation in Environmental Conservation Activities Among Pre-Primary Learners in Kaiti Constituency, Makueni County, Kenya</b> <i>Linet Kamene Mutua</i>
SUB-THEME	RENEWING EDUCATIONAL PRACTICE AND RESEARCH CULTURE	ASSESSMENT REIMAGINED: AUTHENTIC LEARNING AND CREDENTIALING	RENEWING EDUCATIONAL PRACTICE AND RESEARCH CULTURE
12.30 PM - 12.45 PM	<b>Influence of Provision of Physical Facilities on Quality Early Childhood Development and Education. Evidence from Nyamira-North Sub-County, Nyamira County, Kenya</b> <i>Enidy Chris Boera (PhD)</i>	<b>From Assessment to Innovation: Authenticity of Performance-based Assessment Tasks and Innovation Skills Development among ICT Diploma Trainees in Selected Technical Institutions in Kenya</b>	<b>Rethinking Generation Z Exceptionalism: Youth, Education and Economic Development in Intergenerational Perspective</b>

		<i>James N. Musyimi<sup>*</sup>, Prof. John M. Boit &amp; Prof. Anne K. Syomwene</i>	<i>Mbaka Peter Kimanthy<sup>1</sup> and Gitonga Mutani<sup>2</sup></i>
12.45 PM - 1.00 PM	<b>Link Between Addition of Sodium Nitrite Preservative of Beef Sausages and Occurrence of Resistant Strains of Salmonella and E.Coli Present in Beef</b> <i>Victoria Kathoni Mbaka</i>	<b>Physical Learning Environment and Preschool Attendance: Evidence from Imenti North Sub-County, Kenya</b> <i>Kinyua Purity. K, Kimanthy P.M &amp; Mungiria J.M.</i>	<b>The Integration of Artificial Intelligence-Driven Learning Technologies to Enhance Learning Outcomes: A Case of Selected Higher Learning Institutions in Tanzania</b> <i>Marystella Baynit PhD<sup>1</sup> &amp; Prof. Cosmas Mnyanyi, PhD<sup>2</sup></i>
1.00 PM - 1.20 PM	<b>DISCUSSANT</b>	<b>DISCUSSANT</b>	<b>Extent to which strategic performance management practices employed by principals affected students' performance in KCSE in public secondary schools in Tharaka Nithi County, Kenya</b> <i>Gitonga H. M<sup>*</sup> Mbaka P. K Kariuki M</i>
1.20 PM - 2.00 PM	<b>LUNCH BREAK</b>		
2.00 PM - 3.00 PM	<b>CLOSING REMARKS</b>		
	<b>ISSUANCE OF CERTIFICATES</b>		