

CV

Dr. Caroline Mutwiri

Personal Details

Kenyatta University

School: Pure & Applied Sciences

Department: Computing and Information Sciences

Designation: Lecturer

Email: mutwiri.caroline@ku.ac.ke

Areas of Specialization: Information Organization; computer applications

Research Interest: Information Science; Competency Based Assessment; Ageing; Open Access; Digitization, Institutional Repositories; E-Learning; Cataloguing & Classification

Google Scholar:

<https://scholar.google.com/citations?user=i62T0PgAAAAJ&hl=en&oi=ao>

ORCID ID: <https://orcid.org/0000-0002-9759-5105>

Academic and Professional Qualifications

2010-2014: **PhD in Education (Library Science)**

Kenyatta University

Theses Title: Challenges facing academic staff in adopting open access outlets for disseminating research findings in selected university libraries in Kenya

Corpus ID: 56533530

2003-2005: **Master of Education (Library Science)**

Kenyatta University

Project Title: library-patron friendliness and its effects on library use: a case of academic libraries in Kenya

2000-2003: **Bachelor of Education (Library Science)**

Kenyatta University

Second class honors upper division

1995-1998: **Chogoria Girls High School**

KCSE-B Plain

1991-1994: **Chogoria Girls Boarding Primary School**

KCPE: 432 Marks /700

Employment History

2009 to 2014: Tutorial Fellow

Department: Library & Information Sciences

Responsibilities

Teaching all programmes-regular, DSVOL

Student evaluation

Departmental timetabling

DSVOL module development

Curriculum development

Supervision of students on practicum

Coordinator - B.Ed. Library Science

2014 to date: Lecturer

Department: Library & Information Sciences

Responsibilities

Teaching all programmes-regular, DSVOL

Student evaluation

Supervising post graduate students

Departmental timetabling

DSVOL module development

Curriculum development

Supervision of students on practicum

Coordinator-BED Library Science

2007-2008: Deputy University Librarian

Strathmore University

Responsibilities

Deputizing university librarian-strategic planning and leadership

In charge of staff-job allocation, shift management

Implementation of KOHA software-monitoring staff output through system reports

Cataloguing & classification; circulation

2006-2007: Kenya Methodist University-assistant librarian

Achievements:

- Automation of information center processes using integrated library management System (-library soft)

2022 to date-Kenyatta University Center for Teacher Professional Development and Excellence

Director-Centre for Teacher Professional Development & Excellence (TPDEX)

(Serving second term with effect from 16th October 2024 to date)

Achievements:

- Online assessment rubric development –piloting underway
- Coordinating Development of New Competency Based Assessment Rubric (shift from 8-4-4 to 2-6-3-3-3 education cycle)
- Countrywide retooling of 925 Teacher Mentors and KU Teaching Practice Advisors on the New Competence Based Assessment Tool
- Digitization-converting manual processes to online applications
- Countrywide coordination of Teaching Practicum I (Job shadowing /Field experiences) and Teaching Practicum II (Teaching practice) for students
- Online student-lecturer evaluation every semester-coordination, reports generation
- Coordinating Development of a policy on student lecturer evaluation
- Coordinating primary Teacher Education Program (PTE) both diploma and degree

2016-2018: Kenyatta University Digital School of Virtual & Open Learning, Examinations Coordinator

As an examination coordinator, I ensured:

- Learning management system- uploading content, assignments, assessments
- Interactive content development
- Virtual examination management
- Sit in cats and examinations were set and submitted on time.
- Administration of sit in and cats in all campuses was smooth
- Integrity: Safe custody of entire university Sit-In CATs and Examinations including the CD with the entire university examinations
- Sit-In CATs and Examinations were delivered from all campuses and distributed to all departments without loss
- Reduction in missing marks

2017-2022 Kenyatta University Teaching Practice Coordinator-Embu and Kirinyaga

As a coordinator I ensured:

- Students' placement in secondary and primary schools
- Partnership with principals and mentors for success of mentorship program
- Compilation of principles and mentors reports
- Timely assessment of TP students
- Timely processing and posting of Teaching Practice marks

Publications in Refereed Journals

Mutwiri, C., Karia, M.K., & Murungi, C.G. (2017). Academic Staff Attitude towards Open Access Outlets in Disseminating Research Findings in Selected Universities in Kenya, *International Researchers*, 6 (2), 56 – 66.

Wambua MM, Murungi CG, **Mutwiri C.** (2018). Physical facilities and strategies used by teachers to improve pupils' performance in social studies in Makueni County, Kenya. *Int J Pregn & Chi Birth*, 4(6),241-245. DOI: [10.15406/ipcb.2018.04.00134](https://doi.org/10.15406/ipcb.2018.04.00134)

Mutwiri, C., & Muhinja, S. (2018). An Exploration of Academic Library Involvement in the Adaption of Open Educational Resources. *East African Journal of Information Science*.

Nkoro, L. K., **Mutwiri, C.** & Njoroge, R. (2020a). Knowledge acquisition inhibitors faced by incubator tenants in their endeavour to acquire knowledge in university incubation centres in Kenya. *International Journal of Innovative Research and Knowledge*, 5(7) 52 – 60.

Nkoro, L. K., **Mutwiri, C.** & Njoroge, R. (2020b). Use of Networks by Incubator Tenants to Acquire Knowledge to Create Businesses in University Incubation Centres in Kenya. *International Journal of Innovative Research and Knowledge*, 5(8), 43 – 54.

Kiambati, F. G. **Mutwiri, C.**, & Njoroge, R. (2020). Seamless Interaction through Easy to Learn Information Retrieval Systems: Digital Library use by Persons with Visual Impairment. *International Journal of Innovative Research and Knowledge*, 5(7), 61 - 69.

Kiambati, F. G., **Mutwiri, C.**, & Njoroge, R. (2021). Determinants of Friendly Digital Library Interfaces in Information Retrieval by Persons with Visual Impairments in Kenya. *Journal of African Interdisciplinary Studies*, 5(10), 53-65.

Okoder, M. & **Mutwiri, C.** (2021). Skills of academic staff on Reference Management Software (RMS): a survey at Jomo Kenyatta University of Agriculture and Mount Kenya University. *International Journal of Innovative Research and Knowledge*, 6(10), 65 – 75.

Njoroge, C. N., & **Mutwiri, C.** (2022). Perceptions of Postgraduate Students on Accessibility of Print and Electronic Information Resources at Mahatma Gandhi Library. *International Journal of Current Aspects*, 6(1), 84-98.

Wusa, G. R, Muthee, D., & Mutwiri, C. (2022). Speech recognition as an input device for effective communication in information access: a conceptual approach. *Journal of Applied Information Science and Technology* 15, 1, 27 – 32.

Book Chapters

Mwangi S.M & **Mutwiri C.M.** (2023). Ageing in East and Central Africa in the two decades of the Madrid International Plan of Action on Ageing: Implications for the future. In M. Farmosa & M.K Shankardass (Eds.) *The United Nations Madrid International Plan of Action on Ageing: Global Perspectives*. Milton Park, Oxfordshire, England: Routledge

Mwangi, S. K., **Mutwiri, C.**, & Muthima, P. (2022). Towards authentic online assessment in higher education: Lessons learnt during the COVID-19 period. In *Academic Voices* (pp. 405-415). Chandos Publishing. DOI:[10.1016/B978-0-323-91185-6.00016-1](https://doi.org/10.1016/B978-0-323-91185-6.00016-1) ISBN: 978-0-323-91185-6

Refereed Learning Modules

- Mutwiri, C. (2017) ISC 404 Digital libraries. Kenyatta University Press: Nairobi, Kenya
- Mutwiri, C. (2020) ISC 805 Collection Development. Kenyatta University Press: Nairobi, Kenya
- Mutwiri, C. (2020) ISC801 Information Organization II: classification. Kenyatta University Press: Nairobi, Kenya
- Mutwiri, C. (2020) ISC824 Electronic Information Sources and Services. Kenyatta University Press: Nairobi, Kenya
- Mutwiri, C. (2020) ISC028 Cataloguing II. Kenyatta University Press: Nairobi, Kenya
- Mutwiri, C. (2020) ISC022 Cataloguing I. Kenyatta University Press: Nairobi, Kenya
- Mutwiri, C. 2020 ISC402 Practical Cataloguing. Kenyatta University Press: Nairobi, Kenya
- Mutwiri, C. 2020 ISC909 Human Computer Interaction. Kenyatta University Press: Nairobi, Kenya

Reviewed Conference Papers

Mutwiri, C. & Karia, M.K. (2016). Academic staff attitude towards open access outlets in disseminating research findings in selected universities in Kenya. Presented at the 3rd International Annual October Conference on Education and Lifelong Learning on 6th – 7th October, 2016 at Kenyatta University Conference Centre, Nairobi, Kenya.

Mutwiri, C. (2017). Technology dilemma: sustainability of the laptop project for primary schools in learning and teaching in Kenya. Presented at the 4th International Annual October

Conference on Education and Lifelong Learning on 5th – 5th October, 2017 at Kenyatta University Conference Centre, Nairobi, Kenya.

Mutwiri, C. (2017). Learning and teaching for sustainable development. Presented at the UK Education and Development Forum held on 5th – 7th September, 2017 at Oxford, UK.

Karia, M.K. & **Mutwiri, C.** (2018). Capacity building for teachers of children with hearing impairments: A Starkey Hearing Foundation Community-based Model. Presented at the 3rd International Annual October Conference on Education and Lifelong Learning on 4th – 5th October, 2018 at Kenyatta University Conference Centre, Nairobi, Kenya.

Mutabari, L., Ndethiu, S.M. & **Mutwiri, C.** (2019). Evaluation of access of information and personal and social needs as a learner support in open, distance and e-learning programme in selected public universities in Kenya. Presented at Tharaka Nithi University College 1st International Research Conference held at Tharaka Nithi University College Main Campus on 9th November, 2019.

Mwangi, S.M. & **Mutwiri, C.** (2022). Gender transformation social policies to promote equal access to education in Kenya since independence. Presented at the 8th Virtual International Annual October Conference on Education and Lifelong Learning on 6^h – 7th October, 2022.

Consultancy and Project Reports

- First Meru County Integrated Development Plan: 2013 – 2017 for the Meru County Government funded by the World Bank.

Other Publications

- First Meru County Integrated Development Plan 2013-2017 available on: <https://www.kpda.or.ke/documents/CIDP/Meru.pdf>

Editorship of a Book or Conference Proceedings

- Editorship – In R. Mandela & P.M. Mwangi (2023). *Teaching Practice Demystified: a handbook for student teachers*. Nairobi, Kenya: Utafiti Publishers

QUALITY TEACHING, LEARNING AND MENTORSHIP

Training in Higher Education

- March 2003 Introduction to Basic Computing – Emanex Computer College
- September 2006 Project Planning Course –The National Book Development Council of Kenya, KNLS, Nairobi

- November 2006 Library Automation Training Work –Kenya Methodist University
- February 2007 Supervisory Management Seminar –Kenya Methodist University, Meru
- August 2010 Benefits of Open Access for Research Dissemination, Usage, Visibility and Impact – Jomo Kenyatta University of Agriculture and Technology
- May 2013 Teaching Methodology – Centre for Teaching Excellence and Evaluation
- October 2015 ICT Integration Workshop for Teacher Educators – Commonwealth of Learning, Vancouver, Canada and Kenyatta University, Nairobi, Kenya
- November 2015 Use of ICT for Interactive e-Learning - – Commonwealth of Learning, Vancouver, Canada and Kenyatta University, Nairobi, Kenya
- March 2017 Online Assessment and Support Workshop for Teacher Educators – Commonwealth of Learning, Vancouver, Canada and Kenyatta University, Nairobi, Kenya.
- May 2021 Transition from Academia to Industry: Dissemination Workshop for Job Application and Curriculum Vitae
- 2021 – 2023 Diploma in Counselling Psychology

Ongoing Supervisions-PhD Theses

SN.	Student	Title	Status
	PhD Supervision (Thesis)		
01	Winfred Karimi Gatimu E83/29592/2014	Accessibility And Use Of Agricultural Information To Enhance Rice Productivity In Mwea Sub-county, Kirinyaga County	Defended Proposal-Passed
02	Samuel Muthami E83/CTY/PT/37269/2017	A Review Of Journal Outlets Utilized By Researchers In Selected Universities In Nairobi And Kiambu Counties, Kenya	Presented Concept Paper- Approved

03	Jane Wanja E83/CTY/20386/2021	Implementation of Strategies Adopted by Public Libraries in Realization of Inclusive Education and Lifelong Learning in Kenya.	Developing Proposal
04	Salome Muhinja E83/26411/2013	Determinants of Knowledge Sharing Practices in Academic Libraries in Kenya.	Developing Proposal
Ongoing Master Library & Information Science Projects			
01	Fran Ruth Were E65/21975/2022	Adoption of Embedded Librarianship for Enhancement of Information Literacy Skills Among Postgraduate Students in USIU-Africa and Egerton University, Kenya	Working on Data Output
02	Lynette Wambui Njogu E108/OL/CTY/32932/2016	Determinants Of Knowledge Sharing Through Institutional Repositories Among Academic Staff In Public And Private Universities	Final Correction of Examined Project
03	Steve Biko Nyabaka E65/CTY/PT/38042/2017	Usability Of KOHA Online Public Access Catalogue By Undergraduate Users: a Case of Technical University of Kenya	Final Correction of Examined Project
04	Musisi Jacob Bushuru E65/OL/KKA/32664/2016	Preservation Of Digital Content In Ensuring Future Access To Institutional Repository: a Case Of Kaimosi Friends University College, Library Kakamega	Defended proposal at departmental level
05	Nancy Kirande Wakhungu E107/OL/KKA/26649/2015	Management Of Learning Resource Centers And Utilization Of Information Resources By Public Secondary School Students In Bungoma County	Developing proposal

06	Justus Manandu E65/CTY/26492/2015	Evaluation Of Information Literacy Competencies In Promoting Utilization Of Resources By Policy Makers In Embu County Information & Documentation Center	Data Collection Phase
----	--------------------------------------	--	-----------------------

07	Korir Vahid E65/20754/2020	Utilization Of Kenyatta University Post Modern Library By Visually Impaired Undergraduate Students During COVID 19 Pandemic	Presented concept paper and approved for proposal development
08	Babisho Abdalla Abalon E65/OL/MSA/26782/2015	Strategies Adopted By Libraries In Marketing Of Information Resources a Case Of University Of Nairobi Mombasa Campus	Proposal Development Phase
09	Jemimah Kemuma E65/OL/CTY/25931/2018	Assessment Of Information Seeking Behaviour Of University Students During Covid 19 Pandemic: a Case Of Maseno University, Kisumu Campus	Concept paper
10	Juliet Kina Nyaga E65/OL/CTY/28165/	Effectiveness Of Information Literacy Training By Academic Libraries In Imparting Information Literacy Skills To Undergraduate Students: a Case of KAG East University	Concept paper
11	Lilian Atieno Agunda E65/OL/CTY/27342/2020	Determinants of Research Productivity for University Visibility Among Librarians in Selected Public and Private Universities in Kenya	Defended Proposal
12	Lilian Gisesa E55/OL/10913/2006	The Role of Public Libraries in Dissemination of Civic Information for Informed Citizen Participation: A Case of KNLS – Kisii Branch	Defended Proposal
13	Mercy Celestine Barasa E65/OL/KKA/26915/2015	Researching on Title	Developing concept paper

Post Graduate Students Supervision to Completion- Masters

	Student	Title	
	MLIS (Projects)		
01	Kivuva Salome Wairigu E55/10980/2007	Constraints to Utilization of Electronic Books by Academic Staff in Private University Libraries in Kenya: The Case of Catholic University of Eastern Africa.	Graduated July 2013
02	Samuel Gathanga Kungu E55/OL/10975/2007	Undergraduate Students' Perception of Digital Libraries: A Case Study of Strathmore University Library.	Graduated December 2013
03	Ubaga M. Ephrine E65/CE/21685/2010	Barriers to Adoption of Cloud Computing Technology for Information Management in University Libraries: A Case Study of Daystar University Library	Graduated 2014
04	Selina Nabukwa mi Webala E65/OL/22800/2012	Assessment of Mainstreaming of Information Literacy into Academic Programs in Selected Universities in Nairobi and Kiambu Counties, Kenya.	Graduated July 2019
05	Mathilda A. Okodero E56/OL/CTY/26109/2015	Adoption of Reference Management Software Among Academic Staff in Selected Universities in Kenya.	Graduated December 2021
06	Jafaar Omar Barasa E65/OL/22790/2012	Preparedness of Technical Training Institutes for Automation of Library Services in Bungoma County, Kenya.	Graduated July 2022
07	Catherine Njeri Njoroge E65/OL/CTY/26626/2015	Perceptions of Postgraduate Students on Accessibility of Print and Electronic Information Resources at Mahatma Gandhi Library	Graduated December 2022

Supervision of Post Graduate Students to Completion- PhD

	Student	Title	Status
	PhD (Thesis)		
01	Lilian Kathambi Nkoroi E83/27095/2013	Knowledge Acquisition and Use by Tenants to Create Businesses through Incubation Centres in Kenya. A Case of Strathmore and Kenyatta University	Graduated 2021
02	Fridah Gatwiri Kiambati E83/31664/2015	Usability Of Digital Libraries During Information Retrieval By Persons With Visual Impairment In Selected Universities In Kenya	Graduated 2022
03	Goshie Rhoda E83F/27369/2018	Continuous Staff Development programs For The Acquisition Of Competencies Among Librarians In Selected Academic Libraries In North Central-Nigeria	Graduated 2024

PROFESSIONAL CONSULTANCY

Networks / Collaborations

- Member, Women Educational Researchers of Kenya (WERK)

Editorial Boards /Referee for Professional Periodicals

- Consultant and Editor, Queenex Publishers Limited, Ruiru, Kenya
- Editorial board member, East African Journal of Education Research-KICD

Consulting For International / National Boards

- Chairperson - PCEA Sukari Presbyterian Academy
- BOM Member - Kibrichia Boys Secondary School (Chair – Academic Committee)
- BOM Member – Mburugiti Secondary School

Consulting For Organizations / Institutions

- Kenya School of Government (KSG) – Facilitation of Cataloguing and Classification Program
- The East African University – Consultancy for Establishing a Modern Library

Membership to Academic/Professional Bodies

- Kenya Library Association

Administrative Positions and Responsibilities

Recognized University Administrative Positions

- Director, Center for Teacher Professional Development and Excellence
- Examinations Coordinator, Digital School of Virtual and Open Learning, Kenyatta University

Other Responsibilities in the University

- Member of University Self-Assessment Committee
- Member School of Education and Lifelong Learning Research Committee on CBC
- Member of Teaching Practice Subcommittee of the Centre for Teacher Professional Development & Excellence Board
- Departmental Timetabling
- Member, School of Pure & Applied Sciences Board of Post Graduate Studies

- School of education representative to departmental boards
- Member, School Strategic Committee
- Committee Member School of Education Conference planning committee
- Committee Member School of Education Establishment of a Model School
- Committee Member Student Lecturer Evaluation
- Committee member Competency Based Curriculum Capacity Building for academic staff
- Chief Invigilator – Digital School Centres
- Facilitator, Research Capacity Building Workshop
- Teaching practicum and mentorship-area coordinator Embu/Kirinyaga Counties

Community Engagements and Other Contributions

Research and Funding

- Kenyatta University Vice-Chancellor’s Research Grant 2017

Community Outreach

- Appointment as Member of Board of Management of Uhuru Kenyatta Secondary School
- Chairman of Board, Uhuru Kenyatta Secondary School
- PCEA Kahawa Sukari Church Member – Strategic Plan Committee
- Supervisory Committee Member, Atuuri Welfare Association, Kenyatta University
- Student mentorship – Karoti Girls, Nakuru West, Bahati Girls, Green Hills Mixed

Professional Affiliations and Portfolios

- Kenya Library Association

Recognitions and Honours

- The East African University Award

Referees

1. Prof. Daniel Mugendi
Vice-Chancellor
University of Embu
Email njiru.daniel@embuni.ac.ke
2. Dr. Charles Kamau Maina
Chairman, Department of Computing & Information Sciences Kenyatta
University
Email kamau.maina@ku.ac.ke
3. Prof. EllyJoy Micheni
Deputy Vice-Chancellor (Academics)
Tom Mboya University
PO BOX 199-40300
dvc-arsa@tmu.ac.ke