



THE TECHNICAL UNIVERSITY OF KENYA

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Faculty:	ENGINEERING AND THE BUILT ENVIRONMENT
School:	ARCHITECTURE AND SPATIAL PLANNING
Department:	URBAN DESIGN AND DEVELOPMENT
Current Designation:	Senior Lecturer, URBAN DESIGN AND DEVELOPMENT (DUDD)
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Consultation Hours:	8:00AM - 5:00PM MON-FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	ARCHITECTURE	UNIVERSITY OF NAIROBI(Kenya)	2010
Master of Architecture (M.Arch)	HUMAN SETTLEMENTS	KATHOLIEKE UNIVERSITEIT LEUVEN(Belgium)	1995
Bachelor of Architecture (B.Arch)	ARCHITECTURE	UNIVERSITY OF NAIROBI(Kenya)	1986
Diploma	HUMAN SETTLEMENTS	KATHOLIEKE UNIVERSITEIT LEUVEN(Belgium)	1994
A Level/Equivalent	EAST AFRICAN ADVANCED CERTIFICATE OF EDUCATION	STRATHMORE COLLEGE(Kenya)	1979
O level/Equivalent	EAST AFRICAN CERTIFICATE OF EDUCATION	KAKAMEGA HIGH SCHOOL(Kenya)	1977

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2012 - to date	Technical University of Kenya	Senior Lecturer
2019 - 2022	Technical University of Kenya	Academic Team Leader
2012 - 2014	Technical University of Kenya	Chairman, Department of Architecture & Environmental Design
1998 - 2012	University of Nairobi (Department Of Architecture & Building Science)	Lecturer
2003 - 2003	Jomo Kenyatta University Of Agriculture and Technology	Part Time Lecturer
1997 - 2002	Kenyatta University(Department of Enviromental Planning & Management)	Part Time Lecturer
1997 - 1997	Kenyatta University(Department of Enviromental -Sicio-Cultural Studies)	Part Time Lecturer
1988 - 1993	Team Leader & Divisional Architect, Mt Elgon (West Kenya)	Senior Architect
1986 - 1988	MOPWs, Kenya, Machakos District	Assistant Architect

GENERAL STATEMENT ON RESEARCH AREAS

Research into the history traversing precolonial era unto the colonial experience in the urban landscape of the region in a module series titled: 'The Architectural of the city in Eastern Africa' supported through a research grant through the Global Architectural History Teaching Collaborative (GAHTC) / MIT from the Andrew Mellon Foundation, delivered as a teaching module in a series of peer-reviewed lectures.

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
Makachia, P.A (2010) Governance and management of urban Housing - Challenges and Opportunities of Dwellers-Initiative Transformation in Formal Housing Production with Cases from Nairobi Housing Estates. LES UNJEUS ET LES DESIS DE LA GOUVERNANCE URBAINE EN AFRIQUE.	View online	
Influence of House Form on Dweller- Initiative Transformation in Urban Housing,	View online	2005
A Manual for organized Self- Help Housing Densification in Eastlands, Nairobi.	View online	2005
Influence of House Forms On Dwellers - Initiated Transformations in Urban Housing.	View online	2006
Urban Management Training Guidelines for southern Sudan State capital Towns, Nairobi.	View online	2008
Transformation of housing in Nairobi	View online	2012
Innovative financing of housing for sustainable growth	View online	2015
Technocratic colonial housing policies and reductive modernism in Eastlands, Nairobi.	View online	2021
Modern Vernacular: Theorizing Popular Architecture.	View online	2021
Modern Vernacular: Theorizing Popular Architecture.	View online	2021
Time & Space in the Architecture of the Eastern African City: Lecture 1 - Urbanism Lecture 2 - Social & Residential Space Lecture 3: Commercial & Civic Space	View online	2022
Time & Space in the Architecture of the Eastern African City: Urbanism Eastern Africa	View online	2022
Time & Space in the Architecture of the Eastern African City: Residential and Social Space	View online	2022
Time & Space in the Architecture of the Eastern African City: Commercial and Civic Space in the City of Eastern Africa	View online	2022
The Swahili House as Heritage in the Eastern African City.	View online	2024
Evolution of Urban Housing strategies and dweller-initiated transformations in Nairobi	View online	2011
The Physical Environment in the slums of Nairobi- An Investigation into the physical & spatial Qualities in the Informal Settlement of Nairobi using Case studies	View online	2011
Evolution of the 'Modern' expression in African Housing - An Investigation of the architectural expression in African residential space using case studies from Eastland's Housing Estates, Nairobi.	View online	2019
Participative design for urban housing	View online	2014
Transformation of Housing in Nairobi	View online	2012
A Cost Modelling Design Strategy for Dwellers-Initiative Transformations in Urban Housing.	View online	2005
Control of Energy in Offices in Nairobi: A Study Of Fenestration In A Tropical Highland Climate.	View online	1998
Starter Unit Concept- Case-Study Analysis of NHC of Kenya Low Income Housing Projects.	View online	1995
Transformation of Housing in Nairobi - Dweller-Initiated Transformations in Formal Housing in Nairobi Estates with Case Studies of Kaloleni and Buru-Buru Estates.	View online	2010
Housing Strategies in Kenyan towns and Dwellers- Initiated Transformations- Case Studies from Nairobi.	View online	2011

POSTGRADUATE STUDENTS SUPERVISION

NAME	PROJECT TITLE	PERIOD
David Lagat	Master of Architecture	2012
Anna Tabu Mysyimi	Master of Architecture	2014
Emmanuelle John Liombo	Master of Architecture	2012
Anita Shitseswa	Bachelor if Architecture	2019
Peter Ndaru	Bachelor of Architecture	2019
N	N	1

COURSES TAUGHT

NAME	DESCRIPTION	PERIOD
Advanced Architectural Design	Studio-based instruction of architectural design of macro-scale projects in mainly urban areas	Janyary 2019 - TO-DATE
Architectural Research Methods	Introduction to scientific research and methods used in architecture	January 2019 - TO-DATE
Contemporary Architectural Theory	Review of theories of contemporary practice since the 21st Century	January 2019 - TO-DATE

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
Registered Architect	Board of Registration of Architects & Quantity Surveyors
Corporate Architect	Architectural Association of Kenya
Board Member	ARC-PEACE - International Architects, Designers Planners for Social Responsibility