



THE TECHNICAL UNIVERSITY OF KENYA

Haile Selassie Avenue, P.O. Box 52428, Nairobi, 00200, Tel +254(020) 343672, 2249974, 2251300, 341639

Fax 2219689, Email: vc@tukenya.ac.ke, Website: www.tukenya.ac.ke

NAME: DR ALICE ACHIENG' OJWANG

Faculty:	Applied Sciences and Technology
School:	HEALTH AND BIOMEDICAL SCIENCES
Department:	HUMAN NUTRITION AND DIETETICS
Current Designation:	Lecturer, HUMAN NUTRITION AND DIETETICS (DHND)
Office Telephone:	0795166560
Official Email:	ojwangaa@tukenya.ac.ke
Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	SCIENCE-DIETETICS	NORTH-WEST UNIVERSITY(South Africa)	2019
Masters of Science (M.Sc.)	Nutrition and Dietetics	Stellenbosch University(South Africa)	2005
Bachelor of Education (B.Ed)	HOME ECONOMICS	KENYATTA UNIVERSITY(Kenya)	1998
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	Lwak Girls High School(Kenya)	1992

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
July 2013 - TODATE	THE TECHNICAL UNIVERSITY OF KENYA	ACADEMIC TEAM LEADER
March 2001 - March 2006	Roche Pharmaceutical Products	Nutritional Consultant
June 1999 - March 2001	KENYATTA NATIONAL HOSPITAL	Nutritional Officer I
March 2001 - July 2013	Xenihealth Nutrition and Weight Loss Management Clinic	Nutrition Consultant

GENERAL STATEMENT ON RESEARCH AREAS

Dr. Alice Ojwang holds a PhD in Science with Dietetics from North-West University, South Africa. She has more than 20 years of experience working in obesity & type 2 diabetes Mellitus (T2DM) prevention & she was instrumental in shaping the dietetic profession in Kenya. She is a Practitioner, Researcher & Mentor. Research focus includes diet, lifestyle and its influence on prevention & management of obesity & T2DM, using digital platform to impact large populations across Africa.

I am an enthusiastic, energetic and a self-motivated individual. I am focused; result oriented, and I possess proven management skills, achieved through vast experience in nutrition, working in very challenging environments. I have held Positions in Sub-Sahara Africa, UK and USA working on short and long term projects. Additionally, I am an accomplished trainer, educator, facilitator, mentor and a Researcher.

CURRENT RESEARCH PROJECTS

World Heart Federation - Small Grants	Obesity and CVD
"Effect of Mycotoxin exposure on immune system and growth of infants and young children"	Infant health, immunity and mycotoxins
The Prospective Urban Rural Epidemiology (PURE) study	NUTRITION AND CARDIOVASCULAR DISEASE
Harvard School of Public Health	Global Nutrition Epidemiology Transitions

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
Knowledge attitudes and practices of Medical Practice of obesity and weight management among medical practitioners in Kenya. (Master's Thesis, PRESENTED ISBPNA- OSLO 2007)	View online	
The content of African diets is adequate to achieve optimal efficacy with fixed-dose artemether-lumefantrine: a review of the evidence	View online	
Food Activity Diary Is An Important Good Tool To Use In Patients Management To Create Room For More Nutrition Education And Support. Submitted for Publications	View online	
Patricia, Ukegbe; Alice, Ojwang. Association of dietary patterns and overweight among university students in Southeast, Nigeria. Nigerian Journal of Nutritional Sciences Vol. 41 No. 1-2020.	View online	
Ojwang, A.A., Kruger, H.S., Zec, M., Ricci, C., Pieters, M., Wentzel-Viljoen, E., Smuts, C.M. & Kruger, I.M. 2019. Plasma phospholipid fatty acid patterns are associated with Adiposity and the Metabolic Syndrome in black South Africans: a cross-sectional study. Cardiovascular Journal of Africa, 30(4):228-238.	View online	
Ojwang, A., Smuts, C., Zec, M., Wentzel-Viljoen, E., Kruger, I. & Kruger, H. 2019. Comparison of dietary and plasma phospholipid fatty acids between normal weight and overweight black South Africans according to metabolic health: The PURE study. Prostaglandins, Leukotrienes and Essential Fatty Acids:102039.	View online	

POSTGRADUATE STUDENTS SUPERVISION

NAME	PROJECT TITLE	PERIOD
Awino Paul Odhiambo	Master's degree in nutrition: The Technical University of Kenya (2020-Current). Research project: Efficacy of Circadian Rhythm in time-restricted feeding on weight loss among obese patients aged 24-49 years in Nairobi County.	2020-ongoing
Dr. Argwings Kodhek,	PhD in Public Health: The Technical University of Kenya (2019-Current). Research Project: Development of a management performance composite tool for monitoring the treatment of diabetes mellitus in a low-income setting.	2020-ongoing
Mildred Odhiambo-	PhD in Nutritional Sciences: The Technical University of Kenya (2020-Current). Research project: Positive Deviance Approach in food hygiene practices for improved nutrition for children under five years among households in Kajiado county, Kenya.	2022-ongoing
Dorcas Wangechi Kamunya	PhD in Nutritional Sciences: The Technical University of Kenya (2022-Current). Effect of iron and zinc enriched rice bran on stunting and diarrhoea among 12 - 24 months children in rice growing regions in Kenya.	2022-ongoing

COURSES TAUGHT

NAME	DESCRIPTION	PERIOD
Obesity and CVD	Assessment, etiology and management of obesity and CVD	2004 - TO-DATE
Nutrition Education and Communication	Communicating nutrition and dietary messages to lay persons	2004 - TO-DATE
Research Methods	Research methods, data collection and publication	2013 - TO-DATE
Nutrition and Diet Therapy	Managing disease conditions using diet	2008 - 2010
Nutrition and Lifecycle	Nutrition in the life cycle, from conception to old age	2012 - TO-DATE
Nutrition Education and Counselling Skills	strengthen communication skills that help dietetic students become more effective educators and counselors.	2013 - TO-DATE
Nutritional Assessment	A nutrition assessment is an in-depth evaluation of both objective and subjective data related to an individual's food and nutrient intake, lifestyle, and medical history.	2013 - TO-DATE
Critical Nutrition Care	Nutrition management in critically ill patients	2013 - TO-DATE
Enteral and parenteral Nutrition	Nutrient delivery through oral, stomach or central line or by pass the digestive system into the blood stream	2013 - TO-DATE

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
MEMBER	KENYA NUTRITIONISTS AND DIETICIANS INSTITUTE
MEMBER	Clinical Nutritionists and Dieticians Association of Kenya
MEMBER	International Union of Health Promotion and Education
MEMBER	Diabetes Educators Association of Kenya
ASSOCIATE MEMBER	Kenya Association of Physicians