

Introduction

Biometry Unit deals with Statistics, Mathematics and Biometry. It plays a critical role in the development of sound and effective agricultural research practice in the mother Department and Faculty of Agriculture at large. It services all Undergraduate and postgraduate programmes in mathematics, Statistics and biometry in the Faculty of Agriculture. It also offers research support and consultancy services in experimental designs, data collection, data analysis and participatory research.

Career opportunities exist in agricultural research institution, agricultural firms, environmental firms, agricultural firms, agricultural extension service, agricultural and environmental consultancy services institutions, agrochemical firms, tertiary institutions and agribusiness.

Brief history

Biometry, statistics and mathematics have been taught in the Faculty of Agriculture since the inception of the Faculty of Agriculture degree programs in 1970. Mrs. Parin Kurji was a pioneer Lecturer who taught biometry, statistics and mathematics courses in various undergraduate and postgraduate programs in the Department of Plant Science and Crop Protection (formerly Department of Crop Science) and Faculty of Agriculture. She started teaching after attaining her Master of Science (Statistics) from the College of Biological and Physical Sciences, University of Nairobi, in 1971. Dr. Wilson K Sitonik and Dr. Jan Pit later provided further support in teaching Biometry, statistics and mathematics courses in the Department and Faculty. After the departure of Drs. Wilson Sitonik and Jan Pit, the Department recruited three new more staff members to teach courses dealing with biometry, statistics and mathematics.

Unit Head



Mrs. Kurji has a Master of Science (Statistics) and a Bachelor of Science (Pure & Applied Mathematics) from the University of Nairobi in 1971 and 1969, respectively.

She teaches Mathematical Techniques to Undergraduate Engineering students; Mathematics & Statistics to undergraduate Veterinary Students; Mathematics and Statistics to undergraduate Agriculture and Food Science and Technology students; Statistics and Design of Experiments to postgraduate students in Animal Production and various disciplines of Agriculture University of Nairobi. She is a member on the Editorial Board of the East African Statistics Journal. She assists in the facilitation of RUFORUM Research Methodology Course. [Read more](#)

Mrs. Parin Kurji

MSc(UoN) BSc(UoN)

Staff



Mr. Peter Mongare

MSc(UoN) BSc(UoN)

My name is Peter Nyamumbo Mongare, a lecturer at the Department of Plant Science and Crop Protection, University of Nairobi, teaching Mathematics and Statistics. I have a Bachelor of Science in Mathematics and a Master of Science in Mathematical Statistics obtained in the years 1986 and 1988 respectively.[read more](#)



Mr. Elias Obudho

MSc(UoN) BSc(UoN)

Elias Otieno Obudho is a Kenyan national. He holds a masters degree in Mathematical Statistics and BSc degree in Mathematics, both from the University of Nairobi, Kenya. Obudho has a post graduate certificate obtained from an external program course in Research Methods for Agronomists from the Wye College, University of London. He is a Statistics/Biometrics Lecturer and currently involved in research, research supervision and consultancy, advising graduate students and other researchers on biometrical issues, research methodologies, experimental designs and analysis

Mr. Obudho brings over 20 years of research design and methodology experience in Agricultural and Social Science research to the University. Other experience includes statistical consulting for local and international organizations and serving as a resource person for various trainings and workshops on participatory on-farm research among other subjects. Mr. Obudho has worked as a Statistical Consultant to: [read more](#)

Douglas Khamila

Khamila Douglas W. is a Senior Technologist, in the Department of Plant Science and Crop Protection, College of Agriculture and Veterinary Sciences, University of Nairobi, Kenya. He has a wide experience in statistical work with ability to interpret, analyze and resolve problems ,highly motivated with a positive attitude and proactive problem-solving approach ,organization skills; appreciate team work among the colleagues , focuses on goals and objectives of the organization/Company [Read more](#)

Degrees

Msc Plant Breeding [view](#)

Msc Crop Protection [view](#)

MS Agricultural Resource
Management [view](#)

Msc Agronomy [view](#)

Bsc Agriculture [view](#)

Bsc Horticulture [View](#)

Projects