



Bernard M Kinyua

Bsc Biotechnology

Discipline

Biotechnology

Career Objective

To work with Life science institutes in areas involving Natural Resource Management, Agriculture, Forestry, Environment Protection, Plant & Animal Biology, Microbiology, Cell and Molecular Biology and also fully utilize my acquired Biotechnology and laboratory skills in the institutes so as to positively contribute to the overall development of the Kenyan economy

Current work and responsibilities:

Conducting practical classes in Biotechnology, Plant Virology, Molecular Genetics, Cell biology, Diagnostic techniques, Forensic profiling, and other related disciplines for both undergraduate and post graduate students.
Support university departmental innovations, research, and income generating activities

Research Interest

I am interested in Biotechnology majoring in crop protection and plant breeding.

Research Participation

MLND – Maize Lethal Necrosis Disease an ASARECA funded project to fight maize disease in Eastern and Central Africa. - University of Nairobi, Kabete Campus. Principal investigator Prof. Miano.
Molecular characterization of stem rust spores and validation of markers for rust resistance in wheat. - Identification of molecular markers for wheat rust resistance and characterize rust races in Kenya. Principal investigator Dr P Njau, Dr S Bavani (CIMMYT).
Genotypic rust race characterization. DNA extraction for Kenya selection materials both main and off season for dArt analysis.,SSR analysis on stem rust materials. Principal investigator Dr P Njau
Phenotypic and molecular characterization of resistance to Russian Wheat Aphids (*Diuraphis noxia*) in bread wheat (*triticum aestivum L.*)Principal investigator, Dr Joyce Malinga-KARLO.

Contact

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