

# BRYAN MULI WAMBUA

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## SUMMARY

Soon to be graduating student pursuing Biochemistry, determined to further his studies by pursuing a Master's degree. I am motivated to increase my skills and knowledge while also providing meaningful contribution to the society with my technical and soft skills. I also envision to contribute to Africa's growth and self-sustenance.

## SKILL HIGHLIGHT

- Proficient in computer skills: Microsoft Excel, Word and PowerPoint
- Project management
- Leadership skills
- Analytical skills
- Creativity and innovative skills
- Data interpretation skills

## EDUCATION

- **Bachelor of science in Biochemistry**, University of Nairobi.  
2020- ongoing  
Key courses: Metabolism, Elements of Pharmaceutical Chemistry, Biochemical genetics, Molecular immunology, Immunochemistry, Molecular biology, Biochemical techniques and instrumentation, Biochemical Endocrinology, Bio membranes, forensic biochemistry, Biochemical toxicology
- **Kenya certificate of Secondary Education(KCSE)**, Upper Hill School  
2015-2019  
Overall grade: B+

## PROFESSIONAL EXPERIENCE

- Industrial attachment, **Kenya Medical Research Institute(KEMRI), Centre for Traditional Medicine and Drug Research. 10/07/23- 22/09/23**
  - a. Formulation of therapeutic agents (pharmaceutical science)
  - b. Introduction to Nano formulation of drug molecules for application in Nano medicine drug delivery
  - c. in vitro bioassays for safety evaluation
  - d. in vitro and in vivo efficacy of drug candidates on selected disease causing pathogens
  - e. good laboratory practices(GLP)

- f. scientific writing (proposals and dissemination of research reports)
- industrial attachment, **University of Nairobi, Molecular and cell biology lab. 9/05/2022-17/07/2022.**
  - a. Polymerase Chain Reaction(PCR) technique.
  - b. Cloning techniques
  - c. Data analysis
- Project, **Kenya Medical Research Institute (KEMRI), Centre for Traditional Medicine and Drug Research. 05/11/23- Ongoing**  
 Conducting research based on the following topic: Evaluation of anti- prostate cancer activities of selected medicinal plants from Makueni County, Kenya.  
 Undertakes orientation of attaches.
- Volunteer experience, **KEMRI, Centre for Microbiology Research.**

## **ORGANIZATIONS**

Biochemistry and Biotechnology Professionals Society of Kenya (BBPSK), 02/22- Present

Nairobi University Biochemistry Students Association (NUBSA), 09/20- Present

Integrated Cancer Research Foundation of Kenya (ICRF), 12/23- Present

Human Genetics and Genomics Society of Kenya (HGG), 02/24- Present

## **LANGUAGES**

English- fluent

Kiswahili- fluent

French

Kamba

## **REFEREES**

Dr. Gladys Bichanga

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