



## **Dr Eulade Rugengamanzi, Muhimbili University Health and Allied Sciences, Dar-es-Salaam, Tanzania**

Host Institution: National Center for Radiotherapy Oncology and Nuclear Medicine, Accra, Ghana

### **Radiation Oncology Observership**

The purpose of this fellowship is to explore different ways that can be used in Radiotherapy, and learning standard practices done in other settings based in an advanced country in Africa like Ghana. As a Clinical/Radiation Oncology student, being placed with a well-known mentor on the continent, I believe that I will be equipped with more advanced skills that are very much important in radiation treatment. I will use the learned skills at my current centre I am attending, and back in Rwanda after Residency.

Specific Objectives:

- To learn varied techniques to treat head and neck cancers.
- To acquire new skills in managing breast cancers with external beam radiation.
- To learn advanced technique using brachytherapy in genitourinary cancers precisely prostate cancer.
- To learn more about gynaecological malignancy and different ways of treatment with radiotherapy.
- To learn about the three-dimensional planning, dose colouring, volume delineation with the three-dimensional conformal radiation therapy, and intensity modulated radiation therapy applications to various types of malignancy.