



THE UNIVERSITY OF ZAMBIA
SCHOOL OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF PURE AND APPLIED PHYSICS

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To

ANSTT 2026 Organizing Committee

Mr. Andrew L. Mbewe has been pursuing MSc in Physics with an inclination towards Medical Physics research here in our department for almost 2 years now under my supervision, and is now nearing submission of his thesis. He has demonstrated competence in this subject area, for example he is now adept at using Python to develop and train ML algorithms for annotation of suspicious benign and malignant breast cancer tumours on mammograms. He has also demonstrated mastery in usage of software such as Computer Vision Annotation Tool (CVAT), Roboflow, Yolo, to mention but a few, to develop a Computer Aided Diagnostic (CAD) system for diagnosing breast cancer by looking through mammograms obtained from a local hospital here in Zambia.

I strongly support his intentions to present his work at the forthcoming ANSTT 2026 workshop under the Radiation and Health Physics category. This workshop presents a wonderful opportunity for him to not only showcase his research to the world but to also meet and network with peers whose research is in the same field. He is pursuing his masters degree without sponsorship as the university is currently cash-strapped and unable to fund postgraduate research. Being awarded one of the ANSTT 2026 bursaries is his only way of participating in this workshop.

Sincerely,

Dr. Maluba Vernon Chisapi,
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