



The Macha Mission Hospital in Zambia has limited access to viral load monitoring for HIV treatment. Available methods are either slow and  $\rightarrow$  We are developing a low-cost and point-of-care diagnostic system for the hospital that will quantitatively identify HIV viral load.







![](_page_0_Picture_16.jpeg)

# MESSIAH MCOLLEGE.

![](_page_0_Picture_18.jpeg)

![](_page_0_Picture_19.jpeg)