



**This is to certify that**

*Denis Karani Waweru*

has successfully completed the  
**Entrepreneurship Lab (E-Lab) 2022**  
- an entrepreneurship program focused on the Learning Outcomes below.

- LO1** Identify and explain ALU's 14 grand challenges and great opportunities using multidisciplinary perspectives in your own voices
- LO2** Identify ways in which different challenges and opportunities are interconnected as they manifest in diverse African contexts
- LO3** Define and articulate a mission based on one or at the intersection of two/three of ALU's 14 grand challenges and great opportunities
- LO4** Apply different approaches to gain insight into complex problem(s)
- LO5** Articulate the importance of integrating sustainability and stewardship into design methodologies for complex problem solving
- LO6** Define cooperative strategies that make teamwork effective and kind

**Kate Ryan Reiling**

VP of Entrepreneurship

**Dr Nhlanhla Thwala**

Provost