



JUNIOR RESEARCH FELLOW (ASSISTANT LECTURER)
(Research Software Engineer; Contract)
Modelling and Simulation Hub, Africa (MASHA)
Department of Statistical Sciences
FACULTY OF SCIENCE

The Modelling and Simulation Hub, Africa (MASHA www.masha.uct.ac.za) in the Department of Statistical Sciences invites applications to fill one post as a full time Junior Research Fellow: Research Software Engineer (Assistant Lecturer level) on a 25 month contract starting as soon as possible. MASHA's research focus is the development and application of mathematical modelling and computer simulation to predict the dynamics and control of infectious diseases to evaluate the impact of policies aimed at reducing morbidity and mortality. Based in the Faculty of Science, MASHA's research is closely integrated with other disciplines resulting in policy-driven and impactful scientific research.

We are looking for a motivated Research Software Engineer from Southern Africa for the position of Junior Research Fellow, to support the development of digital tools which assist modellers in addressing climate sensitive infectious disease (CSID) modelling in Southern Africa. One specific project will be the Wellcome funded Health:RADAR project that involves the development, testing and maintenance of a digital tool which supports CSID modelling by collating and displaying data relevant to malaria elimination in Southern Africa as a start, and extended to other health concerns. A key output of this work is workshopping the tool and growing a community of practice in the Southern African region. This will additionally require training materials to be developed and delivered by the successful candidate.

To view and apply for this position, please visit the UCT Jobs site [View](#) (For Internal Applicants) and [View](#) (For external Applicants) to create a profile and to submit your application.

Closing date: 07 June 2024

Reference:

ID 678

UCT is a designated employer and is committed to the pursuit of excellence, diversity and redress in achieving its equity targets in accordance with the Employment Equity Plan of the University and its Employment Equity goals and targets. Preference will be given to candidates from the under-represented designated groups. Our Employment Equity Policy is available at www.hr.uct.ac.za/hr/policies/employ_equity

UCT reserves the right not to appoint.