

The University of KwaZulu-Natal (UKZN) is committed to Employment Equity with the intention to promote representivity within the Institution. Preference will be given to applicants from the designated groups in accordance with our Employment Equity Plan.

COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE

**RESEARCH SCIENTIST (1 POST)
(1 YEAR FIXED TERM APPOINTMENT)
ASTROPHYSICS RESEARCH CENTRE
SCHOOL OF MATHEMATICS, STATISTICS AND COMPUTER SCIENCE
WESTVILLE CAMPUS**

REF NO.: MSCS01/2021

We invite candidates from all areas of Astrophysics and Cosmology to apply for this position in the Astrophysics Research Centre (ARC), which is based in part within the School of Mathematics, Statistics, and Computer Science. Astronomy is a strategic focus area at UKZN as the University seeks to position itself as an international centre of research in this field. ARC offers a vibrant educational and research environment in Astronomy and has many well established national and international collaborative research links. In order to further expand its profile in Astronomy, ARC wishes to appoint a candidate who will actively contribute to the research program being conducted from Marion Island. The successful candidate will work on-site at Marion as an overwintering team member for a full year, and responsibilities include but are not limited to operating and maintaining experimental equipment, managing and analysing data, and administration and reporting duties. The candidate will be required to have strong communication skills to work remotely with both UKZN and international collaborators, and to coordinate effectively with other on-site Marion team members. Funding for this position is provided through the National Research Foundation (South African National Antarctic Programme, grant number 129222). This position is a strictly non-permanent appointment and is limited to one year because of the remoteness and isolation of the work site.

Minimum Requirements

- A relevant Masters degree or approved equivalent qualification
- Research experience in Astrophysics and/or Cosmology at a tertiary institution OR same industry experience
- Evidence of prior experience with scientific equipment and instrumentation
- Evidence of research scholarship in astronomy as appropriate for this level as evidenced by a publication in ISI/DHET or SAPSE-rated journal
- Evidence of working with Honours and/or MSc students

More information about the Astrophysics Research Centre, within which this post is based, is available at <https://astro.ukzn.ac.za/>. Enquiries and details regarding this post may be directed to the Line Manager for this post, Professor K Moodley, e-mail: moodleyk41@ukzn.ac.za

The total remuneration package offered includes benefits.

The closing date for receipt of applications is 26 February 2021.

Applicants are required to complete the relevant application form which is available on the Vacancies website at www.ukzn.ac.za. Completed forms AND Curriculum Vitae may be sent to astro@mscs.ukzn.ac.za. The Advert Reference Number, Level and Campus MUST be clearly stated in the subject line.