

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

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

REF NO.: MSCS05/2016

We invite candidates from all areas of Astrophysics and Cosmology to apply for this position in 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. The School 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, the School wishes to appoint a candidate who will actively contribute to research and postgraduate supervision, and participate in research activities, including but not limited to managing and analysing data, supervising projects and designing learning experiences. The incumbent may be required to prepare proposals and applications for funding and/or accreditation purposes. The incumbent may also be required to teach, perform administration duties and participate in astronomy outreach activities and as such will require excellent communication skills enabling them to disseminate conceptual and complex ideas to a wide variety of audiences using appropriate media and methods to promote understanding.

Minimum Requirements

Senior Research Scientist:

- A relevant PhD degree or approved equivalent qualification
- Experience in teaching/lecturing Astrophysics and/or Cosmology at a tertiary institution,
- Evidence of research scholarship in astronomy as appropriate for this level as evidenced by publications in ISI/DHET or SAPSE-rated journals
- Evidence of supervision of MSc and/or PhD students

Research Scientist:

- A relevant Masters degree or approved equivalent qualification
- Experience in teaching/lecturing/research in Astrophysics and/or Cosmology at a tertiary institution OR same industry experience.
- 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 and/or supervision of MSc and/or PhD students

More information about the Astrophysics and Cosmology Research Unit, within which this post is based, is available at <http://www.acru.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 1 January 2017.

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 recruitment-aes@ukzn.ac.za. The Advert Reference Number, Level and Campus MUST be clearly stated in the subject line.