

Department of Physics and Astronomy

Associate Professor and Professor

The University of the Western Cape (UWC) enjoys national and international acclaim for its continuing contribution to democratic change in South Africa and for making quality education accessible to all South Africans and developing centres of excellence of national importance. The successful candidate will join a dynamic and supportive Faculty dedicated to teaching and research, as well as to overall student development. The ideal candidate will be highly motivated and willing to make a significant contribution to the development of the Faculty.

The Department of Physics and Astronomy is one of the leading Departments in South Africa with a large post-graduate component. The Department concentrates on research in Nuclear Physics, Astrophysics, Condensed Matter Physics, Nanoscience, and Physics Education. Three SARChI research chairs, two in Astrophysics and one in Nuclear Science are based in the Department.

The Nuclear Physics group is actively involved in the fields of applied nuclear physics, nuclear structure and nuclear astrophysics and fundamental symmetries, and has strong collaborations with iThemba LABS locally and several international projects, such as those at CERN-ISOLDE and TRIUMF, and the nEXO neutrino-less double decay experiment.

The successful candidate for Associate Professor/Professor in the Department of Physics and Astronomy will be responsible for the following key performance areas:

- Facilitate learning at undergraduate level, and at the postgraduate level in Nuclear Physics
- Conduct research and publish in Nuclear Physics
- Undertake undergraduate and postgraduate supervision
- Provide academic leadership in teaching, research and administration
- Undertake curriculum development and assessment
- Undertake community engagement and outreach
- Provide leadership for current nuclear physics research in the department (in applied nuclear physics, nuclear structure and nuclear astrophysics and fundamental symmetries)

Minimum Requirements * Associate Professor

- PhD or equivalent, in the field of Nuclear Physics or a related field
- Demonstrated experience in facilitating learning in the field of Nuclear Physics
- A track record of quality peer reviewed publications in the field of Nuclear Physics
- A record of successful postgraduate supervision
- Evidence of expertise, national standing, and where appropriate, an international presence in his/her discipline.



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Minimum Requirements * Professor

- PhD or equivalent, in the field of Nuclear Physics or a related field
- Demonstrated experience in facilitating learning in the field of Nuclear Physics
- A significant record of quality peer reviewed publications in the field of Nuclear Physics
- A significant record of successful postgraduate supervision
- Evidence of expertise, national standing, and definite international presence in his/her discipline.
- Experience in generating research grants.

Competencies

- Excellent verbal and written communication skills in English
- Presentation and facilitation skills
- Adaptability and the ability to operate in a diverse environment
- Student focused approach
- Coaching and mentoring skills
- Planning and organising skills
- Technical professional knowledge and skills in the discipline and in the core strategic areas, namely learning and teaching, research and scholarship, community engagement as well as professional leadership

In your application, you are encouraged to highlight your strengths and also include anything else that you feel may be pertinent to the selection panel. Please attach your covering letter, a detailed curriculum vitae and highest qualification to your online profile. To be considered for this vacancy, you must click on the Apply for this Job link below or apply directly via UWC Careers at <https://uwc.hua.hrsmart.com/hr/ats/JobSearch/viewAll>. For any queries, please contact the **Human Resources Department** at +27 21 959 4063/9763/9708/3551/3756.

EQUITY DISCLAIMER: In line with the University's commitment to diversifying its workforce, preference will be given to suitably qualified applicants in line with Employment Targets of the University. The University reserves the right to not make an appointment, make an appointment at a different level, seek additional candidates and may conduct competency assessments.