

Job Title Researcher (Physical/Materials Chemistry) - Fixed-Contract, 3 years

Location University of the Witwatersrand

Organization Name School of Chemistry

The School of Chemistry in the Faculty of Science invites applications for a Researcher specialising in X-Ray Diffraction (Contract Position, 3 years).

Brief Description

Qualifications

The minimum qualification is a PhD (as of early 2015) in physical chemistry, materials chemistry, or solid state chemistry. Experience in X-ray diffraction (XRD) and in particular powders (PXRD) is a requirement.

Demonstrable experience in non-ambient PXRD and / or Rietveld refinement and / or SD-PXRD or SC-XRD would be a distinct advantage. Academic teaching experience would be beneficial.

Duties

Overall responsibilities would include the running and maintenance of PXRD and other X-RD equipment, associated computing facilities, appropriate user training and support along with the participation in the broader research programme in solid state chemistry or a related discipline. The ability to work in a team environment would be an advantage. Fluency in written and spoken English is essential. The Researcher is also expected to carry out his/her own independent research programme, teaching and supervision of postgraduate students.

Remuneration: A generous remuneration package which includes a retirement fund, medical aid, leave, bonus and study benefits, subject to the University's rules and regulations.

Closing date: 31 October 2014

How to Apply

Applications: Submit a covering letter accompanied by a detailed curriculum vitae, NRF rating (if available), brief over-view of accomplished research, a proposal for a research programme while occupying the position, certified copies of all educational qualifications and identity document with names and e-mail addresses of three referees.

To apply: External applicants are invited to apply by registering their profile on the Wits i-Recruitment platform located at <https://irec.wits.ac.za> and submitting applications. Internal employees are invited to apply directly on Oracle by following the path: iWits /Self Service application/"Apply for a job".

Correspondence will be entered into with short listed candidates only. Short-listed applicants must be available for a personal or telephonic interview, and the presentation of a short seminar on the proposed line of research may be required.

The University reserves the right not to make an appointment and continue searching after the closing date. Only short-listed candidates will be contacted.

"The University is committed to employment equity. Preference may be given, to appointable applicants from the underrepresented designated groups in terms of the relevant employment equity plans and policies of the university. The University retains the right not to make an appointment and to verify all information provided by candidates"

Committed to excellence and equity