



Stellenbosch

UNIVERSITY
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SCIENCE
EYENZULULWAZI NGEZENDALO
NATUURWETENSKAPPE

CHEMISTRY AND POLYMER SCIENCE

CHEMIE EN POLIMEERWETENSKAP

Postdoctoral Research Fellowship

The Supramolecular Chemistry research group at Stellenbosch University has a postdoctoral research fellowship available through the Rector's Postdoctoral Fellowship Programme, and is seeking an excellent candidate for this position. The group is led by Profs Barbour, Esterhuysen and Haynes, whose research involves the design, synthesis, characterisation and understanding of functional molecular materials.

Scope of Research: Solid-state supramolecular chemistry – structure-property relationships of molecular crystals, multi-component molecular materials, computational structural chemistry, high pressure crystallography.

Requirement: PhD in a relevant discipline (must have graduated within the last five years).

Commencement of duties: July 2024, or as soon as possible thereafter.

Duration of fellowship: One year, with the possibility of extension for a second year. The extension of funding is contingent upon the successful publication of a minimum of two articles in a recognised journal and the demonstrated satisfactory progress on the assigned project.

Financial support: A bursary valued at R300 000 per annum is available.

Closing date: 27 May 2024.

Enquiries: For any enquiries, please contact Prof Len Barbour (ljb@sun.ac.za), Prof Catharine Esterhuysen (ce@sun.ac.za) or Prof Delia Haynes (dhaynes@sun.ac.za).

To apply, send a letter of application, accompanied by a comprehensive curriculum vitae, including a list of publications and the names and contact details of at least two referees, to:

Dr Marike du Plessis, Department of Chemistry & Polymer Science, Stellenbosch University (mdp@sun.ac.za).

Important: Postdoctoral fellows are expected to introduce new research directions that fall within the overall research interests of the group. The letter of application **must** therefore include a short statement (maximum one A4 page) outlining a research problem that the applicant wishes to pursue. The research statement should address the applicant's expertise relating to the intended research, and also how the work will be aligned with ongoing research themes within the Supramolecular Group at Stellenbosch University (as derived from recent publications).

Please note:

- Postdoctoral fellows do not hold posts or positions and neither do they enter into an employment contract with the University.
- They receive a fellowship in order to conduct research, and do not receive a salary or remuneration for contract research or teaching.
- Their bursaries are paid out via the bursary system and not Human Resources.
- They are not part of the teaching staff of the University, neither are they contract researchers.
- They are not postgraduate students.