



Stellenbosch

UNIVERSITY
IYUNIVESITHI
UNIVERSITEIT

SCIENCE
EYENZULULWAZI NGEZENDALO
NATUURWETENSKAPPE

CHEMISTRY AND POLYMER SCIENCE

CHEMIE EN POLIMEERWETENSKAP

Postdoctoral Research Fellowship Available

Scope of Research: Computational structural chemistry – determination of structure-property relationships of potential gold-based drugs.

Requirement: PhD (must have graduated within the last five years). The successful candidate will have experience in computational chemistry, in particular experience with molecular docking and/or modelling metal complexes.

Commencement of duties: April 2024

Duration of fellowship: One year

Financial support: A bursary valued at R250,000 per annum is available.

Closing date: 12 April 2024

Enquiries: 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:

Prof Catharine Esterhuysen, Department of Chemistry and Polymer Science, University of Stellenbosch (ce@sun.ac.za).

Important: Postdoctoral fellows are expected to introduce new research directions that fall within the overall research interests of the group (i.e. investigating the role of intermolecular interactions in applications such as materials or pharmaceutical science and catalysis). The letter of application should 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 Esterhuysen Group (as derived from recent publications).

Applicants should request at least two referees to forward confidential letters of recommendation by the closing date directly to the same address (email preferred).

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.