



**JUNIOR RESEARCH FELLOW**  
(Full-time, 3-year contract)  
**CENTRE FOR SUPRAMOLECULAR CHEMISTRY RESEARCH**  
**DEPARTMENT OF CHEMISTRY**  
**FACULTY OF SCIENCE**

The Centre for Supramolecular Chemistry Research (CSCR) in the Department of Chemistry at the University of Cape Town (UCT) invites applications for the post of Junior Research Fellow (JRF) funded by the UCT University Research Committee (URC). The CSCR has an extensive record in conducting research in the area of supramolecular chemistry involving small molecules (i.e., non-macromolecular), with a particular focus on porosity studies in recent years. The JRF will embark on new research directions in the areas of metal-organic framework (MOF) and organic porous materials research, seeking to elucidate structural changes of porous material during sorption processes, as well as to explore the use of these materials in catalytic transformations that promotes green chemistry and sustainability.

The Junior Research Fellowship is a research position that aims to afford an emerging researcher, with postdoctoral experience, an opportunity to develop an independent research profile, which may make the successful candidate more competitive for future research positions, including academic positions at tertiary institutions. The successful candidate will be expected to initially manage existing directions in the CSCR but will be afforded the opportunity to initiate and lead independent projects in porous materials research. The primary duties of the successful candidate will be largely research oriented, however the successful candidate will be mentored in other areas of being an academic.

For detailed information on this post, please view the job description on the following link: ([view](#))

To view and apply for this position, please visit the UCT Jobs site [View](#) (For Internal Applicants) and [View](#) (For external Applicants) to create a profile and to submit your application.

**Closing date:** 05 August 2024

**Reference:**

ID 729

*UCT is a designated employer and is committed to the pursuit of excellence, diversity and redress in achieving its equity targets in accordance with the Employment Equity Plan of the University and its Employment Equity goals and targets. Preference will be given to candidates from the under-represented designated groups. Our Employment Equity Policy is available at [www.hr.uct.ac.za/hr/policies/employ\\_equity](http://www.hr.uct.ac.za/hr/policies/employ_equity)*

**UCT reserves the right not to appoint.**