



JUNIOR RESEARCH FELLOW

**Institute of Infectious Disease and
Molecular Medicine, Department of
Pathology
Faculty of Health Sciences**



Introductory paragraph

The University of Cape Town's AFRICA CMM MEDICAL MYCOLOGY UNIT invites applications for a two-year Junior Research Fellow position funded through the Carnegie Corporation DEAL 3 award scheme in medical mycology. Our research focuses on understanding the host immune response to fungal infection including new and emerging fungal pathogens associated with advanced HIV disease. The Junior Research Fellow will need to have experience in working with fungal diseases and will be supported in establishing their own research group in this field to build capacity in a highly neglected area affecting African populations. With this research programme we would like to expand the focus of the current work in the AFRICA CMM Medical Mycology Unit to include dimorphic fungal pathogens, such as *Histoplasma capsulatum* and *Blastomyces dermatitis* (a BSL3 organism), currently not under investigation in South Africa. We would also encourage the development of a programme including co-infection models with other important pulmonary diseases in sub-Saharan Africa including Pneumocystis pneumonia, helminthiasis, and viral infection. Successful candidates will be supported in becoming an IDM member and developing international funding applications.

Requirements for the job:

- Applicants should hold an appropriate doctoral degree.
- Be registered with the South African Veterinary Council for animal research.
- Skills with fungal pathogens, molecular biology, immunology, and animal models of fungal infection.
- Valid work visas are required.
- Applicants should have a minimum of 2 years and a maximum of 5 years' relevant postdoctoral experience.

The following will be advantageous:

- Experience in postgraduate supervision and training.
- Experience in grant writing and preparing manuscripts for publication.
- Presentation skills demonstrated by conference presentations.

Responsibilities:

- An annual mid-year and end-of-year progress report will be required to be submitted to the supervisor
- Participate in teaching and postgraduate (co-)supervision,
- Lead a research project under the supervision / mentorship of a senior academic.
- Publish research outputs in accredited journals and / or scholarly books.
- DEAL 3 expects Fellows to publish at least 2 papers in academic journals within the 24-month grant period (at least 1 paper per year).
- DEAL 3 expects Fellows to conduct 1 international university visit or 1 conference presentation per year, with at least 1 international conference presentation during the tenure.
- Assist in the identification of research funding opportunities, and co-author research grants.
- Assist with the organisation and running of networking events.

The Junior Research Fellow post will be awarded as a 2-year appointment at the University of Cape Town. The value of the fellowship is R700 000 (COE including benefits, taxable) per annum. Approved candidates should be available to take up the award in 2023 (by the latest 1 January 2024).

To apply, please e-mail the below documents in a **single pdf file** to Associate Professor Claire Hoving at Jennifer.hoving@uct.ac.za

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- Cover letter, and
- Curriculum Vitae (CV)

An application which does not comply with the above requirements will be regarded as incomplete. Only shortlisted candidates will be contacted and may be required to undergo an assessment.

Closing date: 13 November 2023

Reference number:

E231058

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UCT reserves the right not to appoint.