



SENIOR TECHNICAL OFFICER

DEPARTMENT OF HUMAN BIOLOGY FACULTY OF HEALTH SCIENCES

The Department of Human Biology is seeking to employ a dynamic and motivated senior technical officer to join our team. The main purpose of this position is to provide support/training in histological techniques in all clinical and non-clinical undergraduate/postgraduate courses, as well as to postgraduate students, research staff and collaborators of research staff within the Faculty of Health Sciences. The successful incumbent will also be responsible for developing and maintaining the histology teaching slide collection, including digital images and microscopes, as well as to provide technical and teaching support for the Confocal and Light Microscopy Imaging Facility.

Minimum Requirements:

- BSc Hons in Biological Sciences/B.Tech in Histopathological Technique
- A minimum of 3 years' experience working in a Histology laboratory
- Experience with fluorescence microscopy
- Experience with specimen preparation for immunohistochemistry
- Experience in performing and troubleshooting histological special stains
- Good knowledge of the microscopic structure of cells and tissues
- Experience in teaching/demonstrating at tertiary level
- Well developed and professional interpersonal and communication skills
- Good organizational skills and an ability to work both as a team member and independently
- Experience in management of a laboratory
- Computer literate

The following would be advantageous:

- Experience in confocal microscopy
- Experience in interpreting histological stains

Responsibilities include:

- Management of the Histology Processing Laboratory and overseeing the Histology Teaching Laboratory
- Provide training and support in histological techniques
- Provide assistance in specimen preparation for immunohistochemistry, fluorescence/confocal microscopy
- Provide assistance with teaching and demonstration sessions involving the Confocal and Light Microscopy Imaging Facility
- Provide classroom support for undergraduate courses (preparation, setting up of practicals)
- Monitor and maintain class slide collection for teaching (source material and replace or restrain existing slides when necessary)
- Develop, select and scan class slides on digital scanner for use with virtual microscope, including maintaining the digital slide database
- Catalogue class slides and digital images
- Assist with demonstration of histology practicals
- Line manage a laboratory assistant
- Health and safety and fire marshall officer duties

The 2018 annual cost of employment, including benefits (where applicable), is between R355 670 to R418 315

To apply, please e-mail the below documents in a **single pdf file** to Ms Vathiswa Mbangi at recruitment05@uct.ac.za

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

Please ensure the title and reference number are indicated in the subject line.

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.

Telephone: 021 650 3003
Website: <http://www.health.uct.ac.za/fhs/departments/human-biology>
Reference number: E18227
Closing date: 27 June 2018

UCT is committed to the pursuit of excellence, diversity and redress in achieving its equity targets. Our Employment Equity Policy is available at <http://www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf> For this post we seek particularly to attract black (i.e. African, Coloured and Indian) South African candidates.

UCT reserves the right not to appoint.