

**CALL FOR MMEDSCI & PHD STUDENTS FOR 2020**

**HIV PATHOGENESIS PROGRAMME (HPP)  
SCHOOL OF LABORATORY MEDICINE AND MEDICAL SCIENCES  
COLLEGE OF HEALTH SCIENCES  
NELSON R MANDELA SCHOOL OF MEDICINE  
UNIVERSITY OF KWAZULU-NATAL  
CLOSING DATE: Monday, 6 January 2020**

The HIV Pathogenesis Programme (HPP) laboratory has opportunities for students who are interested in pursuing a Master of Medical Science (MMedSci) or Doctor of Philosophy (PhD) degree by research. The HPP laboratory is located in the Doris Duke Medical Research Institute at the University of KwaZulu-Natal's Nelson R. Mandela School of Medicine in Durban, South Africa.

Research projects are in the broad fields of HIV and TB pathogenesis (immunology, virology, host/pathogen interaction). Our laboratory emphasizes innovative exploratory research and training of predoctoral and postdoctoral researchers.

Students will be directly supervised by faculty member, **Dr Paradise Madlala**. Prospective applicants should demonstrate familiarity with recent research publications by this researcher.

The MMedSci degree requires at least one year of study. Full-time MMedSci students are expected to have completed their degrees within two years. The PhD degree requires at least three years of study. Full-time PhD students are expected to have completed their degree within four years.

At the conclusion of their research project the candidate for the degree submits a dissertation that is subject to review by an external examiner. PhD students are expected to have had a manuscript accepted for publication in a peer-reviewed journal in order to be awarded their degree. Masters students are also strongly encouraged to publish their research findings.

**Interested applicants must meet the following minimum criteria**

- Holders of an Honours degree (for Masters) or Master's degree (for PhD applicants) in biomedical/biological sciences, or an equivalent degree.
- Familiarity with basic principles in immunology, molecular biology, virology or human genetics.
- Excellent undergraduate academic record.
- Outstanding academic and character reference reports.
- Availability to work full-time in the laboratory.
- Excellent organisational skills and attention to detail.

**Advantages**

- Prior work experience in biomedical research.

**Application format**

The closing date for receipt of applications is **Monday, 6 January 2020**.

Applicants are required to submit a one-page cover letter briefly describing their research interests, a detailed CV, highlighting their experience in each of the minimum requirements listed above, together with the name, telephone number and e-mail address of two referees who are available to comment on your academic and research competence or potential.

Applications must be sent directly to Dr Paradise Madlala, e-mail address [Madlalap@ukzn.ac.za](mailto:Madlalap@ukzn.ac.za), 031 260 4160.

**Terms of appointment and selection process**

The selection process will commence in January 2020 and will continue until suitable candidates are appointed or a decision is taken not to fill the posts.

The positions will be offered in compliance with admission policies of the University of KwaZulu-Natal.