



NOTES

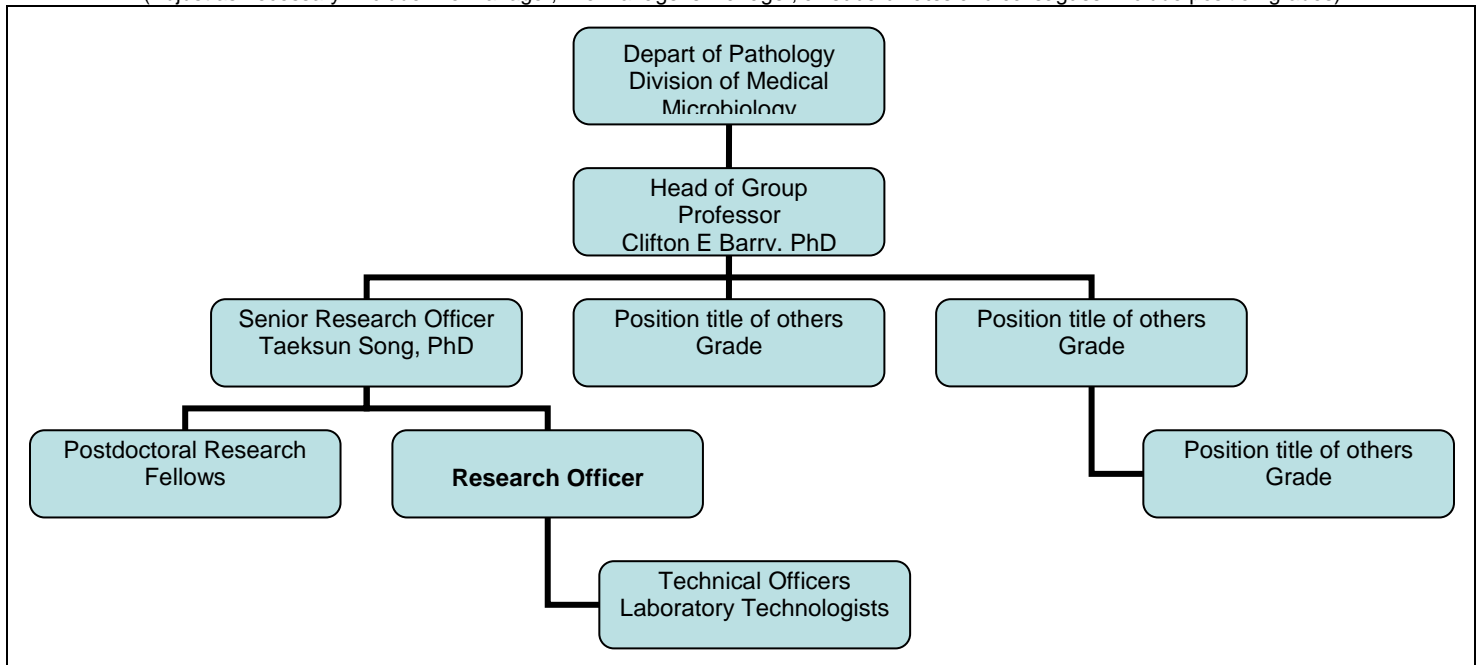
- Forms must be downloaded from the UCT website: <http://forms.uct.ac.za/forms.htm>
- This form serves as a template for the writing of position descriptions.
- A copy of this form is kept by the line manager and the position holder.

POSITION DETAILS

Position title	Research Officer		
Job title (HR Practitioner to provide)			
Position grade (if known)		Date last graded (if known)	
Academic faculty / PASS department	Health Sciences		
Academic department / PASS unit	Pathology		
Division / section	Medical Microbiology Translation Tuberculosis Research Section (Prof. Clifton E. Barry)		
Date of compilation	24 October 2018		

ORGANOGRAM

(Adjust as necessary. Include line manager, line manager's manager, all subordinates and colleagues. Include position grades)



PURPOSE

The main purpose of this position is to:

- Manage the laboratory aspect of international multi-site clinical trials on tuberculosis
- Conduct research focusing on drug resistance and pathogenesis of *M. tuberculosis* (Mtb)
- Establish and maintain inter-departmental collaboration by contributing to other research projects within the IDM
- Assist in supervision of UCT postgraduate research
- Assist in general laboratory management

CONTENT

Key performance areas		% of time spent	Inputs (Responsibilities / activities / processes/ methods used)	Outputs (Expected results)
1	Management of clinical trails	40	<ul style="list-style-type: none"> • Review of laboratory tests results, including those for TB diagnosis • Development, improvement and implementation of laboratory procedures • Supervising the data management • Liaison with the sites and the project team • Report on research activities to other project members 	<ul style="list-style-type: none"> • Implementation of systems for optimal efficiency of laboratory activities • Data analyzed and reported to team and stakeholders to monitor progress of the trials • High quality laboratory results to support international acceptance of research output
2	Research activities	30	<ul style="list-style-type: none"> • Conceptualise, lead and execute research projects on drug resistance and pathogenesis of Mtb • Development of research ideas as per the research objectives of the group • Write research grant proposals • Publication of research findings in peer-reviewed journals • Establish and maintain inter-departmental collaboration by contributing to other research projects within the IDM 	<ul style="list-style-type: none"> • Research conducted, well managed and result-driven • Research findings obtained to fulfill the research program aims • Articles published in notable peer-reviewed journals • Collaborative research projects within the IDM
3	Assist in supervision UCT postgraduate research	20	<ul style="list-style-type: none"> • Promote tuberculosis research on IDM research agenda • Provide supervision and support to postgraduate student 	<ul style="list-style-type: none"> • UCT postgraduate research supported
4	Assist in laboratory management	10	<ul style="list-style-type: none"> • BSL3 laboratory and health & safety Operations • Training of laboratory staffs • Administrative functions for the group 	<ul style="list-style-type: none"> • Ensuring compliance to UCT safety regulations • Capacity development

MINIMUM REQUIREMENTS

Minimum qualifications	PhD in bacteriology or molecular biology			
Minimum experience (type and years)	5-year post PhD research experience in drug resistance of <i>M. tuberculosis</i> under BSL3 conditions Experience in international multi-site clinical trials on a manager level Experience in supervision of postgraduate research Publications in international peer-reviewed journals			
Skills				
Knowledge	Comprehensive knowledge on BSL3 laboratory safety protocols			
Professional registration or license requirements				
Other requirements (If the position requires the handling of cash or finances, other requirements must include 'Honesty to handle cash or finances'.)				
Competencies (Refer to UCT Competency Framework)	Competence	Level	Competence	Level
	Analytical thinking and problem solving	3	Team/collaboration	2
	Creativity and innovation	3	Planning and organizing/work management	3
	Conceptual thinking	3	People management	2
	Result focus	3	Building interpersonal relationships	2
	Student support	2	Communication	2