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## Faculty of Veterinary Science

18 October 2011

### Attention: MSc Research Candidates

The Department of Veterinary Tropical Diseases (DVTD), Faculty of Veterinary Science, University of Pretoria (UP) is offering a 2-year MSc research project in the Department and the project is being funded by the National Research Foundation

### MSc Research Project

The project forms part of a larger project dealing with the development of early stage diagnostic assays for detection of *Mycobacterium bovis* infections in different wildlife species. This project aims at cloning the gene of interest, followed by the expression and purification of the recombinant protein. This would then be followed by further development of a diagnostic assay.

During the project the researcher might be given the opportunity to interact with staff of wildlife veterinary services (WVS) at the Kruger National Park, and the chance to process samples at the laboratories of WVS.

### Requirements:

The successful candidate should hold a BSc degree in Biological Sciences with interests in molecular biology/genetics/microbiology/immunology or another relevant field of study. Other biochemical and laboratory related skills are a plus and if proficient in using MS Word, Excel and PowerPoint would be an advantage.

Applicants for the position should

- Be South African citizens,
- Have a valid driver's licence and be available to start with preliminary work asap.
- Have good verbal and written communication skills
- Be flexible, self motivated with strong work ethic and willingness to take on challenging tasks

**Included:** Stipend & research expenses  
**Time frame:** 2 years  
**Closing date:** 05 December 2011  
**Project start:** January 2012

**Please circulate the information to colleagues in your department/institution**

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