Sul Ross State University  
Position Description  

Official Title: Microbiology Laboratory Technician  
Salary Group: 7  
Job Code: 5252  

Summary  
Function:  
Scope:  

Duties  
Essential: Working with clinical and environmental samples assaying the antibiotic resistance levels and genes associated using culture and biochemical techniques, PCR, RT-PCR, and PFGE; responsibility for ordering supplies, maintaining records, working on writing publications and grants, and facilitating research of new students and the principle investigator in the lab. Considerable freedom to design and implement laboratory experiments and contribute to publications as the position evolves. Responsible for personal safety and the safety of others; must exercise due caution and practice safe work habits at all times.  

Non-Essential:  

Supervision  
Received:  
Given:  

Education  
Required: B.S. or equivalent in Chemistry  
Preferred:  

Experience  
Required: Experience with molecular techniques, microscopy and a high level of computer literacy  
Preferred:  

Equipment/Skills  
Required: Experimental design; laboratory instrumentation; strong verbal and written communication skills; ability to function with limited supervision; good laboratory practices and general laboratory safety.  
Preferred: Interest in microbiology  

Working Conditions  
Usual: Position is Security Sensitive.  
Special:  

Any qualifications to be considered in lieu of stated minimums require the prior approval of the Human Resources Director.  

Date revised: June, 2004