

**CONTRIBUTED PAPERS: HEALTH SCIENCES I**

**Friday, 11 April 10:30am-12:10pm**

**UNM SUB Room: Mirage/Thunderbird**

10:30 Dwyer, Bryan (Sandia National Laboratories)  
ARSENIC TREATMENT IN WATER

10:50 Lauter, Judith (Stephen F. Austin State University)  
NEUROCARDIOLOGY: NONINVASIVE FUNCTIONAL ASSESSMENT USING THE AXS  
TEST BATTERY

11:10 Taylor, Paul\* (Sandia National Laboratories) and Corey Ford (University of New  
Mexico Health Sciences Center)  
SIMULATION OF BLAST-INDUCED, EARLY-TIME INTRACRANIAL WAVE PHYSICS  
LEADING TO TRAUMATIC BRAIN INJURY

11:30 Wenger, Rachael C.\* (United States Air Force Academy), Donald Veverka (United  
States Air Force Academy), and Candy Wilson (United States Air Force Academy)  
ZINC SUPPLEMENTS TO REDUCE UPPER RESPIRATORY INFECTIONS IN AIR FORCE  
ACADEMY CADETS

11:50 McLean, Rebecca C.\* (United States Air Force Academy), Brandon Doan (United  
States Air Force Academy), Michael Brothers (United States Air Force Academy), Mary  
Terry (United States Air Force Academy), Eric Kozlowski (United States Air Force  
Academy), Alfred Wile (United States Air Force Academy)  
COMPARISON OF WIRED AND WIRELESS BIO-ELECTRICAL IMPEDANCE FLUID  
STATUS MONITORING DEVICES AND VALIDATION TO BODY MASS AND URINE  
SPECIFIC GRAVITY CHANGES FOLLOWING MILD DEHYDRATION