

**CONTRIBUTED PAPERS: BIOLOGICAL SCIENCES**

**Thursday, 10 April 1:30pm-5:00pm**

**UNM SUB Room: Spirit/Trailblazer**

1:30 Glenn, Gabrielle\* (United States Air Force Academy) and Edward T. Unangst, Jr. (United States Air Force Academy)  
WINTER USE OF MOUNTAIN MAHOGANY BY DEER ON THE AIR FORCE ACADEMY, A 10-YEAR ASSESSMENT (1990-2000)

1:45 Wilson, Kara R.\* (United States Air Force Academy) and Michael Wilcox (United States Air Force Academy)  
DIRECT CELL PERMEABILIZATION ON COMMAND OPENS NEW APPROACH TO CANCER TREATMENT

2:00 Gomez, Leo S.\*, Cousins, John , Dorian, Constance J. , and Gomez, Stephen M.  
NEW NON-INVASIVE TECHNOLOGY FOR THE EARLY DETECTION OF CANCER AT THE CELLULAR LEVEL

2:15 Martinez, Ulises A.\* (University of New Mexico), Thomas C. Gamble (University of New Mexico), Gabriel P. Lopez (University of New Mexico), and Elizabeth Dirk (University of New Mexico)  
NANOMETER-SCALE PATTERNED SURFACES FOR THE PRECISE CONTROL OF CELL ATTACHMENT

2:30 Bedell, J. L. (Rising Phoenix LLC., Biosphere Systems International)  
THE NEED FOR DEVELOPMENT OF A MANAGEMENT LANGUAGE

2:45 Biel, Karl\* (Institute of Basic Bio Problems), R. D. Gates (Department of Organismic Biology), and L. Muscatine (Department of Organismic Biology)  
EFFECTS OF FREE AMINO ACIDS ON THE PHOTOSYNTHETIC CARBON METABOLISM OF SYMBIOTIC DINOFLAGELLATES

3:00 Break

3:30 Miller, Beverly (University of New Mexico)  
SCIENCE TECHNOLOGY FOR HIGH SCHOOL BIOLOGY AND ENVIRONMENTAL SCIENCE: INTEGRATING INTERNET RESOURCES INTO CLASSROOM INSTRUCTION FOR HIGH SCHOOL STUDENTS

4:00 Schaffer, Linda (University of New Mexico)  
PRESERVICE TEACHERS' ALTERNATIVE CONCEPTIONS ABOUT THE USE OF BIOLOGICAL CLASSIFICATION SCHEMES

4:30 Discussion