WCBSURC 2007 Morning seminar sessions

Session D - MICROBIOLOGY (STR 239)
Chair: Dr. Angela McKinney-Williams, Nebraska Wesleyan University

S18 (10:00am) DNA ISOLATION AND RESTRICTION PATTERN COMPARISON FOR NEW ISOLATES OF *ACANTHOCYSTIS TURFACEA CHLORELLA VIRUS*: DISCOVERY OF A METHYLTRANSFERASE. Angela Fenton*[1] (Ming Kang[2]), [1]Department of Biology, Nebraska Wesleyan University, Lincoln, NE 68504 and [2]Department of Plant Pathology, University of Nebraska-Lincoln, Lincoln, NE, 68583.

S19 (10:15am) IDENTIFYING SOIL BACTERIA AND BIOCHEMICAL PATHWAYS IN THE BALLONA WETLANDS FOR THE BIOREMEDIATION OF ORGANIC POLLUTANTS. Wesley T. Citti* (Kam D. Dahlquist and Carl R. Urbinati), Loyola Marymount University, Department of Biology, 1 LMU Drive, Los Angeles, CA 90045.

S20 (10:30am) CHARACTERIZATION OF HALOPHILES ISOLATED FROM A SOLAR SALTERN IN BAJA CALIFORNIA, MEXICO. Lamine Diallo*, Lauren Hays, and Shereen Sabet (Jesse Dillon), California State University Long Beach, 1250 Bellflower Blvd., Long Beach, CA 90840.

S21 (10:45am) THE INFLUENCE OF THE CHANGE IN SALT CONCENTRATION ON THE MICROBIAL COMMUNITY IN TWO SEASONAL SALINE LAKES IN SOUTERN UTAH. Stacy DeMill*, Cheri Tait, Coby Brown, Justin Bowles* (Charlotte Rosendahl Pedersen), Southern Utah University, Dept. of Biology, 351 West University Boulevard, Cedar City, UT 84720.

S22 (11:00am) UTILIZATION OF *STREPTOMYCES* AS A MODEL ORGANISM TO STUDY QUORUM SENSING AND TRANSPOSON MUTAGENESIS IN *MYCOBACTERIA SMEGMATIS.* Megan N. Campbell*, (Angela McKinney-Williams) Nebraska Wesleyan University, Department of Biology, 5000 Saint Paul Ave., Lincoln, NE 68504.

S23 (11:15am) INHIBITORY MOLECULE AND AFFECTS OF *MYCOBACTERIUM SMEGMATIS*. Haley Capek*[1], J. Cirillo[2], and S. Kuman[2] (A. McKinney-Williams[1]), [1]Nebraska Wesleyan University, Lincoln, NE 68504 and [2]Texas A&M University, College Station, TX.