Thursday, April 27, Science 1, 2nd Floor, Room 1219 - Refreshments will be served!

1:00 pm OPENING REMARKS

1:15 pm Ferdinand Villena Chemistry Stereoselective dimerization of cobalt-complexed propargyl cations mediated by DNA mimics.

1:30 pm Helen Olmsted Chemistry Azide and Nitrite protection of CuZnSOD from oxidation by H₂O₂.

1:45 pm Patrick Collins Physics Backscatter of gamma-rays.

2:00 - 2:15 BREAK

2:15 pm Ann Davis Mathematics Potential minimizing configurations of points on a sphere.

2:30 pm Kirsti Webb Physics Nuclear decay and natural background radiation.

2:45 pm Proma Phengsy Chemistry Kinetic investigation of an unusual alcohol oxidation catalyzed by a terpyridyl ruthenium complex.

3:00 pm Toby Smith Kinesiology Leptin administration improves whole body glucose tolerance in a diet-induced insulin-resistant rodent model.

3:15 pm Maziyar Saberi Kinesiology Skeletal muscle insulin-resistance is improved by leptin administration.

3:30 - 3:45 BREAK

3:45 pm Rebecca Habeeb Biology Do reef corals acclimate to change in temperature?

4:00 pm Saima Zubair Biology Identification and characterization of small peptides as potential inhibitors of HIV infection.

(EMERGENCY CANCELLATION)

4:15 pm Chad Barber Biology Identification, characterization, and sequence determination of seminal fluid glycoproteins in the anuran Lepidobatrachus laevis.

4:30 pm Troy Phipps Biology Subcellular localization of barth proteins