Minimizing Health Disparities Session 1 Oral Presentations
Host: Holly Lopez

9:15 AM
Astrid Ardon Lopez, Biochemistry at California State Polytechnic University, Pomona
“Use of Senolytics to Reduce Immunosenescence in Secondary Lymphoid Organs”
Mentored by: Dr. Janko Nikolich-Žugich (Immunobiology)

9:30 AM
Anika Arias, 1. Biochemistry 2. Molecular & Cellular Biology at University of Arizona
“Categorizing Trogocytosis by Image Analysis in Kidney, Colon and Pancreatic Cancer”
Mentored by: Dr. Alfred Bothwell (Immunobiology)

9:45 AM
Harvey Harvey, Molecular and Cellular Biology at University of Arizona
“Regulation of eve in Tribolium castaneum”
Mentored by: Dr. Lisa Nagy (Molecular and Cellular Biology)

BREAK: 10:00-10:15

10:15 AM
Tori Fulton, Microbiology at Diné College
“Examining the copper toxicity and streptococcus pneumonia based on knockout genes”
Mentored by: Dr. Michael Johnson (Immunobiology)

10:30 AM
Kimmy Smith, Collaborative Health and Human Services at California State University, Monterey Bay
“Food insecurity and gynecologic cancers: a scoping review”
Mentored by: Dr. Celina Valencia (Family and Community Medicine)

10:45 AM
Mariah Leonard, Biology at New Mexico State University
“Effects of ketamine on the electrophysiological features of L-DOPA-induced dyskinesia in Parkinsonian rats”
Mentored by: Dr. Stephen Cowen (Psychology)

11:00 AM
Alondra Ruiz, Biomedical Sciences at University of Arizona
“How Optimizing Transport of Neuroprotective Therapies at the Blood Brain Barrier is an Effective Delivery Mechanism to Treat Neurological Diseases”
Mentored by: Dr. Patrick Ronaldson (Pharmacology)

11:15 AM
Savannah Crow, Health Sciences at University of Arizona
“RT-qPCR Analysis of Human Adipose-Derived Stem Cells Cultured in Standard and Osteogenic Media”
Mentored by: Dr. David Margolis and Gerardo Figueroa (Orthopedic Surgery)