Ronald E. McNair Achievement Program & UROC-PREP
Session 2 Poster Presentations
Host: Andrew Huerta, Ph.D.

9:00 AM  
Arianna Perea, Biology at University of Arizona  
“Understanding the Effects of Nitric Oxide Synthase 2 (NOS2) Derived Nitric Oxide (NO) on Invasion and Migration in the Progression of Triple-Negative Breast Cancer (TNBC)”  
Mentored by: Dr. Ron Heimark (Surgery)

9:08 AM  
Mireya Pimentel, Biochemistry at University of Arizona  
“Colorectal Cancer and the Inhibition of Kinases within the CMGC Family”  
Mentored by: Dr. Curtis A. Thorne (Cellular and Molecular Medicine)

9:16 AM  
Briana N. Pomales, Chemistry at University of Arizona  
“Modification of Modern Electrolysis Cells to Produce H2”  
Mentored by: Dr. Dennis L Lichtenberger (Chemistry and and Biochemistry)

9:24 AM  
Sofia Ragonese, Molecular and Cellular Biology at University of Arizona  
“Inducing and Regulating the Late Expression of L1 in HPV”  
Mentored by: Dr. Koenraad Van Doorslaer (Virology)

9:32 AM  
Nebyate Seged, Chemical Engineering at University of Arizona  
“Investigating the Global Warming Potential of CH2OCOOCHF2 Using ab inito Methods”  
Mentored by: Dr. Paul Blowers (Chemical and Environmental Engineering)

9:40 AM  
Victor Villa, Physics at University of Arizona  
“Fabrication of Van der Waals Heterostructures for the investigation of the electrical properties of Twisted Tungsten Diselenide and Twisted Trilayer Graphene”  
Mentored by: Dr. Brian LeRoy (Physics)

9:48 AM  
Laura Beaman, 1. Psychological Science 2. Anthropology: Human Biology emphasis at University of Arizona  
“Enhancing Mindfulness with Various Ultrasonic Neuromodulation Pulse Repetition Frequencies”  
Mentored by: Dr. John Allen (Psychology)

9:56 AM  
Nathaniel Benavidez, 1. Psychology 2. Spanish at University of Arizona  
“Event Boundaries: The Possible Key to Cognition and Age-Related Illnesses”  
Mentored by: Dr. Jessica Andrews-Hanna (Psychology)

10:04 AM  
Dominique Jordan, Neuroscience & Cognitive Science at University of Arizona  
“Measuring Signaling of Integrin alpha-6 beta-1 in a Short Time Course with HYD-1”  
Mentored by: Dr. Cindy K. Miranti (Cellular and Molecular Medicine)
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<th>Time</th>
<th>Name</th>
<th>Major/Emphasis</th>
<th>Title</th>
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<tbody>
<tr>
<td>10:12 AM</td>
<td>Monserrath Navarro</td>
<td>Biology: Biomedical Sciences emphasis at University of Arizona</td>
<td>“BLM SUMO-acceptor site mutant replication stress phenotypes”</td>
<td>Dr. Nathan Ellis (Cellular and Molecular Medicine)</td>
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<td>10:20 AM</td>
<td>Elias Ortega</td>
<td>Literacy, Learning, and Leadership at University of Arizona</td>
<td>“Community health: Identifying needs and resources for essential work”</td>
<td>Dr. Scott Carvajal (Public Health)</td>
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<td>10:36 AM</td>
<td>Nicole Ferguson</td>
<td>UROC-PREP, Neuroscience, Biochemistry at University of Arizona</td>
<td>“Physiological Impacts of a High-Fat Diet on the Retina in Male and Female Mice”</td>
<td>Dr. Erika Eggers (Physiology)</td>
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