

SAS/MSNO/ACS/AVS "May Conference"
24 May 2017

Student Oral Presentation Winners

Grand Prize (\$100 + up to \$500 to attend the national Microscopy and Microanalysis Meeting in 2018):
Michael Presby, The University of Akron, "Characterizing Impact Damage of Ceramic Matrix Composites using Micro-Computed Tomography and Optical Microscopy"

1st prize (\$100):

Mohamed Elkabbash, Case Western Reserve University, "Ultrathin Nanometer Scale Absorber Using Lossless Dielectric and Low Conductivity Metal"

2nd prize (two winners, \$50 each):

La'Nese Lovings, The University of Toledo, "Synthesis and Characterization of Al_xSc₂-xMo₃O₁₂ Using Non-Hydrolytic Sol-Gel Methods"

Alex Nyarko, The University of Akron, "Understanding the Chemical Composition of the Caulobacter Crescentus Adhesive Holdfast"

3rd prize (two winners, \$25 each):

Brandon Holcomb, Lorain County Community College, "Analysis of a Novel Mutation Located in the ccr5 Gene with Potential Effects on HIV Infectivity"

Sofia Chinchilla, NEOMED, "Quantification and Characterization of Coronary Collateral Arteries using Micro-Computerized Tomography (CT)"

Student Poster Presentation Winners

Biological Sciences Section

1st prize (\$100):

Samuel Bunting, The University of Akron, "Measuring Bacterial Growth Using a 3D-Printable Spectrometer"

2nd prize, (\$50):

Weizhuan He, Lorain County Community College, "Obtaining a CCR5 Knockout Using the CRISPR/Cas9 System"

Physical Sciences Section

1st prize (\$100):

Siddhesh Dalvi, The University of Akron, "Direct Evidence of Unsaturated Carbon Formed Using Plasma Polymerization"

2nd prize, (\$50):

Mohammad Umar Farooq Khan, The University of Akron, "Advanced Spectroscopic Techniques for Studying the Passivation Characteristics of Cr and Na₂CrO₄ Containing Al"