MS&T20 Virtual Student Contest Award Winners

Material Advantage Graduate Student Poster Competition

1st Place - $250
Davi Marcelo Soares
Kansas State University
Silicon Carbon Nitride (SiCN) and Silicon Oxycarbide (SiOC) Functionalization of Molybdenum Disulfide (MoS2) as Stable Battery Electrodes

2nd Place - $150
Manmeet Kaur
Thapar Institute of Engineering and Technology
Self Activated Ca3Si2O7 + Ca2SiO4:Dy3+ Phosphors Derived from Agro-food Wastes

3rd Place - $100
Anna De Marzi
University of Padova
Hybrid Additive Manufacturing Technology Applied to Si3N4 Freeform Components Fabrication

Material Advantage Undergraduate Student Poster Competition

1st Place - $250
Tejas Chaudhari
Indian Institute of Technology, Bombay
Crack Driving Force Expressions Using Compliance Approach in Clamped Beam Bending Geometry

2nd Place - $150
Ria Nandwana
Case Western Reserve University
Maximizing Magnetostriiction in Fe-Ga-Zr Nanocrystalline Alloys

3rd Place - $100
Robert Spurling
University of Tennessee, Knoxville
Supercritical Synthesis of VO2 Nanoparticles For Smart Window Films

Material Advantage Undergraduate Student Speaking Contest

1st Place - $500
Jerry Howard
University of Utah
Improving materials for pulp capping using sodium metasilicate glass

2nd Place - $250
Ashleigh Abbott
Missouri University of Science and Technology
The Incorporation and Adhesion of Bioactives in Layer-by-Layer (LbL) films
Material Advantage Undergraduate Student Speaking Contest (continued)

3rd Place - $150
Gladys Duran
Instituto Tecnologico de Morelia
The failure behind the chaos

4th Place - $100
Justin Hughes
University of Maryland, College Park
Dissipative Assembly of Nanoparticles for Reconfigurable Optical Materials and Sensing Systems

Material Advantage Ceramic Mug Drop Contest
Organized by Keramos

Winner - $100 and trophy
Justin Gruber
University of Illinois at Urbana-Champaign

Most Aesthetic Mug - $50
Claire Pallett
Missouri University of Science and Technology

Material Advantage Ceramic Disc Golf Contest
Organized by Keramos

Winner - $100 and trophy
Justin Gruber
University of Illinois at Urbana-Champaign

Most Aesthetic Disc - $100
Justin Gruber
University of Illinois at Urbana-Champaign

Material Advantage Social Media Contest

Day 1 - $100
Gladys Duran
Instituto Tecnologico de Morelia

Day 2 - $100
Raju Prasad Ghimire
University of New Mexico

Day 3 - $100
Hrushikesh Sahasrabuddhe
Indian Institute of Technology, Mumbai
ACerS PCSA Humanitarian Pitch Competition

1st Place - $500
H2Flow
Colorado School of Mines
*Water Filtration through Concrete Filters*

2nd Place - $250
Ecotone Renewables
Carnegie Mellon University
*Anaerobic Digestion Technology for Developing Island Nations*