

Material Advantage Contest Award Winners 2018

Material Advantage Graduate Student Poster Competition

1st Place - \$250

Somnath Mandal

Indian Institute of Technology

“Corrosion Mechanism of Spinel-Periclase-Zirconia (MgAl₂O₄-MgO-ZrO₂) Refractories for RH Degasser”

2nd Place - \$150

Dishary Banerjee

Washington State University

“Controlled Release of Sodium Bicarbonate and Doxorubicin on Osteoblast and Osteosarcoma Cell Viability Using Polycaprolactone Coatings”

3rd Place - \$100

Kai Gong

Princeton University

“X-ray Pair Distribution Function Analysis of the Chemically Induced Degradation in Alkali-activated Slags”

Material Advantage Undergraduate Student Poster Competition

1st Place - \$250

Nicholas Etrick

University of Florida

“Electrospinning and Plasma Treatment of Polyamides for Mosquito-repellant Fabrics”

2nd Place - \$150

Justin Plante

Universite Laval

“Utilization of master-alloys to increase the mechanical properties of lean PM steels”

3rd Place - \$100

Tanner Livingston

University of Utah

“Ion Exchange of Chloride Salts with H-Exchanged Ultrastable HY Zeolite for Dechlorination of Nuclear Waste”

Material Advantage Undergraduate Student Speaking Contest

1st Place - \$500

Susan Rankin

Virginia Tech

“Porous Walled Hollow Glass Microspheres”

2nd Place - \$250

Alison Nunes

University of Illinois at Urbana-Champaign

“Non-static Biomaterial System for Stem Cell Culture”

3rd Place - \$150

Mikio LaCapra
Rutgers University
"Upconverting Rare Earth Doped Nanoparticles"

4th Place - \$100

Katie Kirchner
Pennsylvania State University
"Statistical Mechanics of Topological Fluctuations in Glass-Forming Liquids"

Material Advantage Ceramic Mug Drop Contest

Organized by Keramos

Winner - \$100 and trophy

Emily Bautista
Virginia Tech

Most Aesthetic Mug - \$50

Kelsey Cannon
Colorado School of Mines

Material Advantage Ceramic Disc Golf Contest

Organized by Keramos

Winner - \$100 and trophy

Daniel Drury
Missouri University of Science & Technology

Most Aesthetic Disc - \$100

Michelle Such
University of Connecticut