

Material Advantage Contest Award Winners 2023

Material Advantage Graduate Student Poster Competition

1st Place - \$250

Javier Mena - Garcia

Pennsylvania State University

Designing Novel Dielectric Composites with High Thermal Conductivity via Cold Sintering

2nd Place - \$150

Mohammad Fatin Ishtiyag

University of Connecticut

High-throughput Approach for Predicting Optical Properties of Crystals

3rd Place - \$100

Aditi Dahiya

Washington State University

Synergistic Effects of Carvacrol and Curcumin Nanoparticle on 3D Printed Scaffold for Bone Tissue Engineering

Material Advantage Undergraduate Student Poster Competition

1st Place - \$250

Jade Beland

University of Nevada, Reno

Iron Phosphate Waste Forms

2nd Place - \$150

Erin Senvardarli

Northwestern University

Type 1 Hot Corrosion of Refractory Metal-Silicides

3rd Place - \$100

Abigail Stanlick

Iowa State University

Development of Gas Atomization for Polymer Processing

Material Advantage Undergraduate Student Speaking Contest

1st Place - \$500

Alice Gao

University of Illinois Urbana-Champaign

Cubic Power! How the Internal Structure of Hpid Nanoparticles (LNPs) impacts RNA delivery

2nd Place - \$250

Jade Beland

University of Nevada, Reno

Bismuth-loaded Silica Xerogels for iodine capture

Material Advantage Undergraduate Student Speaking Contest (continued)

3rd Place - \$150

Julia Chen
Pennsylvania State University
LionGlass: A Sustainable Phosphate-Based Glass Composition

4th Place - \$100

Xavier Fross
Colorado School of Mines
Hydrogen Embrittlement and The Future of Energy Transportation

Material Advantage Ceramic Mug Drop Contest

Organized by Keramos

Winner - \$100 and trophy

Robbie Nollett
University of Illinois Urbana-Champaign

Most Aesthetic Mug - \$50

Yang Xie
Wuhan University

Material Advantage Ceramic Disc Golf Contest

Organized by Keramos

Winner - \$100 and trophy

Cole Harsa
Virginia Tech University

Most Aesthetic Disc - \$100

Abby Sreden
University of Illinois Urbana-Champaign