

Material Advantage Contest Award Winners 2016

Material Advantage Graduate Student Poster Competition

1st Place

Jamesa L. Stokes

The Pennsylvania State University

"Assessment of Mechanical Behaviors of Co-Evaporated EBPVD TBCs with Varying Rare Earth Content"

2nd Place

Lindsey Pruden

The University of Utah

"Plasmonic, Flexible, Free-Standing, Monolayer Gold Nanoparticle Films for Plasmonic Applications"

3rd Place

Leila Ghadbeigi

University of Utah

"High performance Na- β "-alumina electrolyte doped with iron oxide"

Material Advantage Undergraduate Student Poster Competition

1st Place

Jacob Kline

University of Idaho

"Doubling the Life of Concrete Structures"

2nd Place

Andrew Nguyen

University of Connecticut

"Design, fabrication, and characterization of collagen-based multi-zonal scaffolds for osteochondral tissue engineering"

3rd Place

Daisy M Margrave

Montana Tech of the University of Montana

"Deposition of Rare Earth Elements on Ion-Exchange Resins"

Honorable Mention

Justin Weinstein

Rensselaer Polytechnic Institute

"Melting Prevention of Superalloys in High Temperature Heat Treatments"

Material Advantage Undergraduate Student Speaking Contest

Winner

Wyatt Surbey

Virginia Polytechnic Institute and State University

"Bio-inspired Tissue Repair"

1st Runner-Up

Evan Musterman

Missouri University of Science and Technology

"Mechanization of Flat Glass Production"

2nd Runner-Up

1. Sarah Rappaport
Northwestern University
"The Atomic Layer Deposition of Tin Sulfide"
2. Joshua Tedesco
Rutgers, The State University of New Jersey
"Potassium Doped Silica Nanoparticles as an Advanced, Ecofriendly, and Economical Insecticide"

Material Advantage Ceramic Mug Drop Contest (*Organized by Keramos*)

Winner (passing @ 120 cm drop)

Michael Hu
University of Illinois at Urbana-Champaign

Most Aesthetic Mug

Stephanie Soendker
Missouri University of Science and Technology

Material Advantage Ceramic Disc Golf Contest (*Organized by Keramos*)

Winner (successful toss from a distance of 7 meters)

Reed Coots
Clemson University

Most Aesthetic Disc

Elisabeth Lang
University of Illinois at Urbana-Champaign