

Material Advantage Contest Award Winners 2017

Material Advantage Graduate Student Poster Competition

1st Place

Henry Neilson

Case Western Reserve University

"Hot Deformation/Forging and Mechanical Behavior of 3rd Generation Al-Li Alloy"

2nd Place

Danielle De Rango

McMaster University

"Reactive Wetting of Advanced High Strength Steels by a Zn-Al-Mg Bath"

3rd Place

Maya Nath

University of Michigan

"Microstructure And Surface Finish Evolution during Single Point Incremental Forming"

Material Advantage Undergraduate Student Poster Competition

1st Place

Carter Francis

Iowa State University

"Semi-Blind Raman Spectral Deconvolution of Sodium Borosilicate Glasses"

2nd Place

Chen Tian

Wuhan University of Technology

"Novel Transparent Glass Ceramics containing $Y_3(Al,Ga)_5O_{12}:Ce^{3+}$ nanocrystallines and Their X-ray Excited Luminescence"

3rd Place

Yuping Gu

Wuhan University of Technology

"High Ionic Conductive Solid Electrolytes via Incorporating Cubic $Li_7La_3Zr_2O_{12}$ in Polyethylene Oxide for All-Solid-State Lithium Rechargeable Batteries"

Material Advantage Undergraduate Student Speaking Contest

1st Place

William J. Jeang

Northwestern University

"Inflammation-free, Gas-permeable, Lightweight, Stretchable On-skin Electronics with Nanomeshes"

2nd Place

Hala Al-Sadeg

The Pennsylvania State University

"Covering the World with Atomically Thin Sheets"

3rd Place

Benjamin L. Lawrence

Missouri University of Science and Technology

"A New Rainbow: The Development of Yttrium Metal Oxide Pigments"

4th Place

Jenniffer Bustillos

Florida International University

"Synthesis of Photosensitive Polymer/BNNP Composites via Stereolithography (SLA) Printing"

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

Winner – A tie passing @ 105 cm drop

Justin Yon

Virginia Tech

Amanda Agui

University of Connecticut

Most Aesthetic Mug

Rebecca Whitesell

Iowa State University

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

Winner – A tie (successful toss from a distance of 6 meters)

Justin Yon

Virginia Tech

Daniel Drury

Missouri University of Science & Technology

Most Aesthetic Disc

Stephanie Soendker

Missouri University of Science & Technology