

Techxpo Winners – 2013

Biology:

- Casey McConnell – “Nanoparticle Enhancement of Viral Infections”

Chemistry/Geochemistry:

- Hannah Dysinger – “Exporing How hMutY Glycosylase Homolog Modulates Response to Alkylolation Damage in Human Cells”

Civil Engineering:

- Trent Hansen, Keely Barry-Dion, Joe Hickey, Jake McGinley, Trent Thomas, Logan Ledgerwood, & Dan Heringer – “ASC Bidding Competition, Heavy Civil”

Computer Science/Software Engineering:

Tie –

- Jake Jones & John Wareham – “MegaMarine Game Development”
- Haythem Memmi – “Optimizing Touch Screen Interaction in Mobile Devices for Visually-impaired Users”

Electrical Engineering:

- Doug Korin, Grant Frazier, Jason Schmutz, & Steve Moodry – “Mobile Bar Stool”

Environmental Engineering:

- Michelle Boyle, Kyle Loch, & Joseph Mitzel – “Zero Valent Iron Mediated Nitrate Reduction”

Geophysical Department:

- Michael Beecher – “A Statistical Analysis of Elastic Properties Related to Normalized Production in the Bakken Formation”

General Engineering:

- Eric Gray, Sierra Briese, Chris Tarrant, William Pratte, Lindsay Kilmer, Chance Wilson, & Cory Faber – “Montana Tech Baja”

Geological Engineering:

- Shannon Smith, Sara Adams, & Mariah McCormick – “Joint and Solid Material Characterization in Support of Seismic Slope Behavior Modeling”

Highlands College:

- Breanna Biegler – “Concept Fire Truck”

Liberal Studies:

- Vincent Siragusa – “Analysis of Variation in Frontal and Temporal Lobe Volumes and Their Relationship to Myopic Refractive Error in Humans”

Mechanical Engineering:

- Angelina Anderson, Jake Banovich, & Jordan Emmert – “The Snow Hog”

Metallurgical & Materials Engineering:

- Grant Wallace & Sean Dudley – “Leach Optimization And Separation of Rare Earth Elements”

Mining Engineering:

- “The Mining Team”

Professional & Technical Communication:

- Cole Berg – “Community Health Recruitment Video”

Petroleum Engineering:

- Jackie-Lynn Gibson, Abdulaziz Al Noaimi, Brayden Gilewicz, Mahdi Al Mohsin, Cooper Gulbraa & Aaron Zielsdorf – “Manufacture of Anhydrous Ammonia Fertilizer from Produced Natural Gas with an Onsite Manufacturing Facility”

Technical Presentation:

Environmental Engineering -

- Michelle Boyle, Kyle Loch, & Joseph Mitzel – “Zero Valent Iron Mediated Nitrate Reduction”

BEST IN SHOW:

- Casey McConnell – “Nanoparticle Enhancement of Viral Infections”