

2018 Undergraduate Student Poster Competition - WINNERS

MESO Overall Winners (Announced at MESO plenary lecture)			
1	Grace Rhoads	Bucknell University	Optimizing the Synthesis of Imines Linked 3D Covalent Organic Frameworks
2	Jenny Wang	United States Military Academy	Electrodeposition of Hydroxide Metal-oxide Films for Biosensor Applications
3	Adam Erlichman	Case Western Reserve University	Non-Flammable Thiazole-Functional Monobenzenes: Synthesis, Polymerization, Thermal and Thermomechanical Properties, and Flammability Studies

  

CAST Overall Winners (Cash awards, \$500 and \$50)			
1	Zachary Klinein	West Virginia University	Modeling and Techno-Economic Analysis of a Modular Hydrogen Production Process
2	Natasha Bouchard	Rochester Institute of Technology	Improving Network Stability of Block Copolymers through Molecular Modeling

  

F&O Harry West Awards			
1	Jason Hinricher	Massachusetts Institute of Technology	Exploration of Alkaline Permanganate-Polyoxofluoride Aqueous Redox Flow Batteries for Low-Cost Energy Storage
2	Thomas George	Tufts University	Thin-Film Electrode Techniques for Pre-Screening Organ Reduction Reaction Electrocatalysts
3	Michael Patrecca	Ohio State University	Process Simulations for Converting Ammonia to Hydrogen Using Chemical Looping

SECTIONAL WINNERS			
	First name	Last name	Institution
<b>Catalysis and Reaction Engineering I</b>			
1	Joshua	Whitney	Georgia Institute of Technology
2	Dimitry	Marbach	United States Military Academy
3	Zubin	Mishra	University of California - Los Angeles
<b>Catalysis and Reaction Engineering II</b>			
1	Benjamin	Rudinski	Ohio State University
2	Jay	Bender	Cornell University
3	Vignesh	Bhethanabotla	University of Pennsylvania
<b>Catalysis and Reaction Engineering III</b>			
1	Karlijn	Laursma	Auburn University
2	Richa	Ghosh	University of California - Los Angeles
3	Amelia	Moré	Brown University
<b>Catalysis and Reaction Engineering IV</b>			
1	Evan	Alkhus	University of Pittsburgh
2	Diana	Porlier	Worcester Polytechnic Institute
3	Luis Maria	Yadaviso	City College of New York
<b>Computing, Simulation and Process Control I</b>			
1	Natasha	Buchanan	Rochester Institute of Technology
2	Paul	Slone	University of Rochester
3	Sam	Kore	Auburn University
<b>Computing, Simulation and Process Control II</b>			
1	Zachary	Klinein	West Virginia University
2	Dennis	Loewen	West Virginia University
3	Connor	Dion	University of Connecticut
<b>Environmental Science and Engineering I</b>			
1	Sair	Abu-Hatab	An-Najah National University, Palestine
2	Jason	Yang	Yale University
3	Wallis	Boyd	University of Connecticut
<b>Environmental Science and Engineering II</b>			
1	Sofia	Gonzalez-Schuler	University of Kentucky
2	Miyah	Datta	Mississippi State University
3	Caroline	Gillette	Case Western Reserve University
<b>Environmental Science and Engineering III</b>			
1	Philip	Johnson	University of Kentucky
2	Tanner	Hickman	University of South Alabama
3	Thomas	Christiansen	University of Wyoming
<b>Environmental Science and Engineering IV</b>			
1	Eddie	Hochwalt Naumann	Lafayette College
2	McKenzie	Burns	Bucknell University
3	David	Gardner	Harvard University
<b>General Engineering and Engineering Education</b>			
1	Corwin	Kerr	North Carolina State University
2	Andrew	Taylor	University of Iowa
3	Rubikayl	Batigalay	Nearbarn University, Kazakhstan
<b>Food, Pharmaceutical and Biotechnology I</b>			
1	Maghan	Hill	New Mexico Institute of Mining and Technology
2	Emeka	Onwuka	University of Pittsburgh
3	Emi	Ampo	Oregon State University
<b>Food, Pharmaceutical and Biotechnology II</b>			
1	Maja	Rosell	New York University
2	Matthew	Burnoughs	North Carolina State University
3	Michael	Canonica	University of Notre Dame
<b>Food, Pharmaceutical and Biotechnology III</b>			
1	Karanam	El-Kattan	Auburn University
2	Ethan	Purnell	University of Virginia
3	Melina	Montalvo	University of Alabama
<b>Food, Pharmaceutical and Biotechnology IV</b>			
1	Polly	Blak	University of Texas - Austin
2	Geewtha	Noobe	University of Michigan
3	Gregory	Berumen	Johns Hopkins University
<b>Food, Pharmaceutical and Biotechnology V</b>			
1	Dehina	Chatterjee	Johns Hopkins University
2	Akshay	Shaver	University of Texas - Austin
3	Edward	Strach	University of New Mexico
<b>Food, Pharmaceutical and Biotechnology VI</b>			
1	Joan	Hedgins	United States Military Academy
2	Lanika	Thomas	Howard University
3	Matthew	Morse	University of Kentucky
<b>Food, Pharmaceutical and Biotechnology VII</b>			
1	Taylor	Shelby	University of Pittsburgh
2	Justin	Torr	University of Delaware
3	Tyler	Will	Bucknell University
<b>Food, Pharmaceutical and Biotechnology VIII</b>			
1	Samuel	Merteluck	University of Southern California
2	Rub	Jones	University of California - Santa Barbara
3	Allison	Hidman	University of Texas - Austin
<b>Food, Pharmaceutical and Biotechnology IX</b>			
1	Sofia	Macias-Gonzalez	University of New Mexico
2	Johanna	Pujavar	Case Western Reserve University
3	Ashwina	Merrill	University of New Hampshire
<b>Food, Pharmaceutical and Biotechnology X</b>			
1	Serena	Orno-Lama	Syracuse University
2	Sarwan	Burton	University of Michigan
3	Nicole	Montoya	University of Kansas
<b>Food, Pharmaceutical and Biotechnology XI</b>			
1	Seth	Kriz	Michigan Technological University
2	Anne	Crowell	University of Florida
3	Huda	Usman	University of Illinois - Chicago
<b>Fuels, Petrochemicals and Energy I</b>			
1	Jason	Hinricher	Massachusetts Institute of Technology
2	David	Amot	University of New Mexico
3	Hansen	Mou	Clatsop University
<b>Fuels, Petrochemicals and Energy II</b>			
1	Thomas	George	Tufts University
2	Amur	Bhardwaj	Columbia University
3	Christopher	Roberts	Wayne State University
<b>Fuels, Petrochemicals and Energy III</b>			
1	Michael	Patrecca	Ohio State University
2	Gabriel	Berghe	University of Pittsburgh - Johnstown
3	Kelly	Badilla	University of South Alabama
<b>Fuels, Petrochemicals and Energy IV</b>			
1	Mohit	Duya	New York University
2	Joshua	Worley	University of Louisiana - Lafayette
3	Zhang	Xu	Georgia Institute of Technology
<b>Materials Engineering and Sciences I</b>			
1	Adam	Erlichman	Case Western Reserve University
2	Margaret	Wise	New Mexico Institute of Mining and Technology
3	Jeremy	Herman	Sandia National Labs
<b>Materials Engineering and Sciences II</b>			
1	Yunghang	Huang	Georgia Institute of Technology
2	Evan	Quincy	United States Military Academy
3	Han-Ming	Hau	University of Southern California
<b>Materials Engineering and Sciences III</b>			
1	Angela	Mastal	University of New Mexico
2	Juan-Yves	Azar	Wayne State University
3	Jasmine	Grossman	West Virginia University
<b>Materials Engineering and Sciences IV</b>			
1	Jenny	Wang	United States Military Academy
2	Jacob	Blake	University of Kentucky
3	Zachary	Ardonaco	University of New Hampshire
<b>Materials Engineering and Sciences V</b>			
1	Weiss		Georgia Institute of Technology
2	Shihon	Moon	University of Minnesota
3	Phuoc	Simonsen	Louisiana State University
<b>Materials Engineering and Sciences VI</b>			
1	Elaine	Stewart	University of Delaware
2	Erin	Wigen	University of Delaware
3	Angela	Yang	University of Southern California
<b>Materials Engineering and Sciences VII</b>			
1	Emily	du Jang	Princeton University
2	Caroline	Fahrahsabih	Bucknell University
3	Daniel	Villaroel	City College of New York
<b>Materials Engineering and Sciences VIII</b>			
1	Grace	Rhoads	Bucknell University
2	Christopher	Calo	University of Delaware
3	Alysa	VanZanten	Hope College
<b>Materials Engineering and Sciences IX</b>			
1	Christopher	Karpovich	Yale University
2	Ronghua	Bai	Colorado School of Mines
3	Abdram	Karapour	Princeton University
<b>Materials Engineering and Sciences X</b>			
1	Care	Broyta	Rowan University
2	Jodi	Graf	Lafayette College
3	Shafiq	Colegan	University of Connecticut
<b>Materials Engineering and Sciences XI</b>			
1	Isabella	White	Pennsylvania State University
2	Lisa	Young	University of Toledo
3	David	Lundy	Bucknell University
<b>Separations</b>			
1	Catherine	Spencer	University of Maryland - Baltimore County
2	Sallye	Guthmann	Clatsop University
3	Noah	Hough	Rowan University