

Poster #	First Name	Last Name	Institution	BD Alliance	Abstract Title
1	Robert	Escobar, Jr.	University of Alabama	Alabama	Meshfree Simulation of Oxide Dispersion in MELD of Aluminum Alloys
2	Dudley	Moore	University of Alabama	Alabama	The Green Fuel of the Future
3	Nelson	Moreno	University of Alabama	Alabama	Frequency-dependent Impedance Spectroscopy for Standoff Explosive Detection
4	Zoya	Anderson	University of Alabama at Birmingham	Alabama	The Role of Neuropeptide Y in Stem Cell Maintenance
5	Assata	Pyatt	University of Alabama at Birmingham	Alabama	The Role of Estrogen Signaling on Cannabinoid 1 Receptor Activation in the Aging Brain
6	Adrienne	Samani	University of Alabama at Birmingham	Alabama	The Role of Glycosyltransferase STGAL-I in Cancer Cell Quiescence
7	Maria	Santiago	Florida International University	Florida-Georgia	Neuronal Calcium Sensor DREAM Interactions with Insulinotropic Agent Repaglinide
8	Jomary	Mercado	University of Florida	Florida-Georgia	MMP-Responsive Hydrogel Microparticles for Tuberculosis Treatment
9	Rafael	Riera	University of Florida	Florida-Georgia	Quasistatic and Dynamic Characterization of B4C-BAM Composites
10	Sarah	Chaji	University of Georgia	Florida-Georgia	Bioprinting of Three-Dimensional Microtissues to Evaluate Adipocyte-Breast Cancer Cell Interactions
11	Tonia	Robinson	University of South Florida	Florida-Georgia	Comparison of Interferometric Synthetic Aperture Radar (InSAR)-derived subsidence time series with ground-based estimates of sinkhole activity, west-central Florida, USA
12	Anthony	Windmon	University of South Florida	Florida-Georgia	On Detecting Chronic Obstructive Pulmonary Disease (COPD) Cough Using Audio Signals Recorded from Smart-Phones
13	Joshua	Patterson	Delaware State University	Greater Philadelphia	Effect of pH on Chitosan-TPP Nanoparticles for Oral Drug Delivery in a Model Digestive System
14	Gabrielle	Salib	Drexel University	Greater Philadelphia	Designing Online Career Mentoring Platforms with Immigrant Youth
15	Monah	Clark	University of Delaware	Greater Philadelphia	Screening for Potential Selective Inhibitors of Rho-GTPases
16	Aisha	Cook	Louisiana State University	Louisiana	Toward the X-ray Crystal Structural Characterization of Full-length Ncb5or
17	Jasmine	Sanford	Louisiana State University	Louisiana	Bonding Pattern Found in Superconducting alpha-Mn Structures
18	Cristian	Aviles-Martin	University of Connecticut	Northeast	Establishing Through-Shell Communication Across Hollow Polymer Nanocapsules
19	Jessica	Maita	University of Connecticut	Northeast	Atomic Arrangement and Mechanical Properties of Amorphous Boron at the Micrometer Scale
20	Justin	Bowen	Oklahoma State University	Oklahoma	Characterization of the Nitrogen Assimilation Regulator (glnG) Role in Escherichia Coli Colonization of the Mammalian Intestines
21	Ana	Chicas-Mosier	Oklahoma State University	Oklahoma	Aluminum Exposure in Honey Bees: Effects on Forage, Activity, and Lifespan
22	Tabitha	Gunnars	Oklahoma State University	Oklahoma	Model of Trichechus manatus Mortality by Age Class and Location
23	Alicer	Andrew	University of Georgia	Peach State	Investigating the Crosstalk between Inflammation, Coagulation, and Oxidative Stress Host Responses in a Rodent Model of Placental Malaria
24	Julian	Moore	University of Georgia	Peach State	Modeling Bipolar Radiofrequency Ablation with Thermochromic Agar Phantoms

*Presentation schedule is listed in order of BD Alliance, Institution, and finally Last name.

Poster #	First Name	Last Name	Institution	BD Alliance	Abstract Title
25	Alejandra	De Jesus	University of Puerto Rico	Puerto Rico	Application of Meta-analysis in Agricultural Studies
26	Oscar	Benavides	Texas A&M University	TAMUS	Clinically compatible handheld fluorescence lifetime imaging (FLIM) endoscope for early detection of oral cancer
27	Daniel	De Jesus	Texas A&M University	TAMUS	Freshwater Zooplankton Coloration as a Possible Evolutionary Adaptation
28	Marilyn	Allen	University of Maryland, Baltimore County	UMS	Targeted Antimalarial Delivery to Immune Cells Driving Lupus Pathogenesis
29	Brianda	Beverley	University of Maryland, Baltimore County	UMS	A PCR Assay for the Detection of <i>Alteromonas macleodii</i> in Marine Ecosystems
30	Valencia	Watson	University of Maryland, Baltimore County	UMS	Fast Microdialysis as an Approach to Minimally-Invasive, Continuous Glucose Monitoring
31	Leonardo	Gutierrez Sierra	University of Texas at El Paso	UTS	High-Temperature Environments for Thermoplastic Hybrid Manufacturing
32	Rosa	Perez	University of Texas at El Paso	UTS	Untangle Glycinergic Immunoreactivity in the Basal Ganglia
33	Lynette	Bustos	Arizona State University	WAESO	RIPK1 Regulatory Activity in Alzheimer's Disease
34	Jacob	Garcia	Arizona State University	WAESO	Relaxation Dynamics of Neutral Iron Oxide Clusters using Femtosecond Pump-Probe Spectroscopy
35	Evelyn	Luna	Arizona State University	WAESO	CD4 T Cells Modulate the Protective vs. Pathologic Response of CD8 T Cells during Viral Infection
36	Rodrigo	Martinez	Arizona State University	WAESO	Mutations in the Xylose Catabolic Regulator XylR Release Arabinose-Induced Carbon Catabolite Repression in <i>Escherichia coli</i>
37	Zachary	Binger	University of Arizona	WAESO	Implementation and Modeling of Osmotic Processes For Improving Desalination Efficiency
38	Nathan	Reiland	University of Arizona	WAESO	The Dynamical Placement of Mega-Constellations
39	Erica	Vanover	University of Arizona	WAESO	Azole Compounds as Corrosion and Nitrification Inhibitors
40	Grace	George	University of Wisconsin-Madison	Wisconsin	Investigating into Multisensory Integration of Number in Audio and Visual Modalities
41	Rachel	Stewart	University of Wisconsin-Madison	Wisconsin	Identifying Operational Control Strategies for Reliable Biological Nutrient Removal Under Low Dissolved Oxygen within Pilot Scale Processes