

Session	Poster #	First Name	Last Name	Institution	Abstract Title
2	243	Mohammed	Abdi	Benedict College	GPS Positioning Algorithm, its Errors and Solution
2	176	Aakiel	Abernathy	North Carolina Agricultural & Technical State University	Secure Android Coding Helper (SACH): Static Analysis Tool to Encourage Proper Android Application Development
3	17	Terron	Adlam	Delaware State University	CD44--Mediated PDPN (Podoplanin) Expression in Breast Cancer Cells
3	85	Keiva	Aguilera-Montero	University of Washington	Screen of KCTD1 in a pedigree with features of Scalp-Ear-Nipple syndrome
3	293	Ama	Agyapong	Elizabeth City State University	Preliminary Application of Optical Trapping: Calculating Forces on Beads in Solution
3	177	Henry	Akaeze	Mississippi Valley State University	Limiting the Number of Permissions for Android Applications
2	306	Ebony	Albritton	Virginia State University	SEIR Model: Ebola Outbreak of Sierra Leone 2014-2015
3	288	Deonte'	Alexander	Dillard University	Polymer-inorganic Nano-composite Thin Film Upconversion Light Emitters Prepared by Double-beam Matrix Assisted Pulsed Laser Evaporation (DB-MAPLE) Method
2	329	David	Alexander IV	Tuskegee University	Design and Development of Resonance Enhanced Micro-actuator Nozzles
1	244	Aleta	Allen	Norfolk State University	Compartmental Modeling of Human Papilloma Virus Epidemic Infecting College Students
1	309	Brandon	Almestica	Virginia State University	Exploring the Relationship Between Obesity and Inhibitory Control
3	330	Juan	Alonso	University of California, Irvine	A Study on Natural Periods and Modal Damping Ratios for Buildings in California
3	147	Abrahan	Alvarado	Universidad del Turabo	Pt-urease Nanodisc for a Self Sustainable Urea Bio-device

Session	Poster #	First Name	Last Name	Institution	Abstract Title
1	97	Claudia	Alvarado	University of Georgia	Structural Studies of non-coding RNAs: Experimental Validation of RNA Structure Predictions
3	294	Bria	Andrews	Hampton University	Purification, Synthesis, Crystal Growth, and Spectroscopic Properties of Eu ²⁺ Activated Binary and Ternary Lead Halides were Evaluated for Potential Radiation Detector Applications
3	172	Juan C.	Arango	University of Turabo	Hydrogen Production via Water Splitting, Using Gold Based TiO ₂ Nanowires as Photocatalyst
1	310	Addn	Araya	Pennsylvania State University	Eritrean and Eritrean American Health Assessment
2	221	Lauren	Arnold	University of the Virgin Islands	Comparison of Benthic Assemblages in Native vs. Invading Seagrass Beds
3	148	Michael	Arocho	University of Puerto Rico at Aguadilla	Characterizing the Surface Properties of Biocrystals Based on their Interactions with Polystyrene Microspheres
2	222	Amarou	Bah	New York City College of Technology	Monitoring Land-Cover Changes in Lake Urmia Basin Using Landsat Imagery
2	223	Priscilla	Baltezar	Humboldt State University	Least Cost Path Analysis: Tsunami Evacuation
1	178	Terrell	Banks	J.F. Drake State Community and Technical College	Human Genetics vs. Machine Genetics
2	98	Brett	Barlow	Alabama State University	Novel Peptides Possess Broad Spectrum Antibacterial Activity
3	167	Zakiya	Barnes	Savannah State University	New Lanthanide Complexes for the Polymerization of α -methylene- γ -butyrolactone to Obtain Biodegradable Cross-linkable Unsaturated Polyesters
3	279	Jason B	Baron	University of the Virgin Islands	A Search for Structure in Gamma Ray Burst X-Ray Flares Confirming Whether They are Similar to the Three Pulse Structure Found in Prompt Emission Pulses
4	1	Courtney	Bass	Baltimore City Community College	Overexpression of NAR1.2 and LCI1 in <i>Chlamydomonas reinhardtii</i>

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1	219	Darius	Bates	College of Science, Engineering and Technology, Jackson State University	Removal of Heavy Metals from Highway Runoff through Modified Pervious Cement Pavement
2	18	Victoria	Bates	Talladega College	Radiation Induced Apoptosis in 2LMP Breast Cancer Cells by Caspases and Mitochondrial Response
1	19	Karla	Batres Gonzalez	Johnson C. Smith University	Aging-associated Increase in Expression of Tumor Suppressor Genes in the Colon Epithelium
1	35	Ninon	Becquart	Willamette University	Exploring Hormonal Regulation of Cervical Mucoproteins and Their Role in Contraceptive Efficacy
2	179	Aswan	Benjamin	Hampton University	Learning in Nano-Robots using Artificial Neural Networks
2	36	Shana	Bergman	New College of Florida	Computational Analysis of the Uncoating of the HIV-1 Viral Capsid
4	2	Michelle	Bessiake	Texas Southern University	Chemoenzymatic Synthesis of a Heparan Sulfate Library
4	3	Alexander	Best	Tuskegee University	The Role of the Aryl Hydrocarbon Receptor in Modulating Mitochondrial Function
2	20	Carlos	Betancourt	California State University San Marcos	The Role of Pangu and Endos on Embryonic Mitosis Through the Regulation of Cdk1/cdc2-cyclin B Activity in Drosophila Melanogaster
1	365	Jamie	Binns	Talladega College	Development of Soy-Protein based Green Composite
1	322	Sean	Bittner	Auburn University	Antibiotic Encapsulation and Release by Halloysite/Polymer Composites for Biomedical Applications
3	267	Ashley	Blackwell	Dillard University	Ammonia Sensor Based on Polymer-Inorganic Nano-Composite Thin Film Upconversion Light Emitter Prepared by Double-Beam Pulsed Laser Deposition
1	289	Daneisha	Blair	Southern University A&M college	Microwave Absorption Properties of Surfactant Treated Carbon Nanotubes in Epoxy Composites in 1 - 40 GHz

Session	Poster #	First Name	Last Name	Institution	Abstract Title
1	119	Andrew	Blake	Delaware State University	Role of Acetylcholine Release in the locomotion of Drosophila larvae
3	21	Waynesha	Blaylock	Tougaloo College	The Effect of a STAT3 Inhibitor on the Growth and Cell Signaling of Breast Cancer Cells
2	245	DeMarcus	Boone	North Carolina Agricultural and Technical State University	Understanding the Bistable Rb-E2F Switch Underlies the Restriction Point of the Mammalian Cell Cycle by Using Mathematical Models
3	180	Blake	Bowers	Tennessee State University	Wireless Network Security: Real Time Detection of Threats to Wireless Networks.
2	307	Jane Frances	Boyer	University of Guam	Determining the Cause and Function of Color Change in <i>Norops aquaticus</i>
4	268	Classie	Bradford	Hinds Community College-Utica Campus	Theoretical Study of Cytosine Methyl Derivatives and N9H Guanine keto
2	22	De'Ajree	Branch	North Carolina Central University	The Effect of Bromo-domain Inhibitors on the Development of Resistance to Dasatinib by Cancer Cells
1	23	Brianna	Brantley	Clark Atlanta University	Genome Wide Association study of ID4 as a susceptibility loci in Prostate Cancer
1	269	Asia	Braxton	Hinds Community College Utica Campus	The Theoretical Study of the Effects of Pesticides on DNA Bases
2	74	Sharee	Brewer	Fisk University	A Bioinformatics Approach for Investigating Genes Involved in Dopaminergic Function and Degeneration
3	99	Alexandria	Brooks	Alabama State University	The Role of TAK1 in Yop J-induced Cell Death
3	86	Shunsey	Brooks	Savannah State University	Determining a role for Porphoryn-Like Compunds During Glucagon Like Peptide-1 induced Adipogenesis which includes the Down-Regulation of the Gene Encoding Hes-1
2	237	Brittany	Brown	Georgia Institute of Technology	Reverse Ecology and Comparative Genomics of Uncultured Freshwater Actinobacteria

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1	24	Timera	Brown	Tougaloo College	Accumulation of Cholesterol Esters is Associated with the Progression of Prostate Cancer
1	199	William	Brown	Hampton University	Evolvable Neural Networks for Nano Robots
1	246	Zakiyyah	Brown	North Carolina Agricultural and Technical State University	Application of the Galton-Watson Branching Process Model to Cell Proliferation
2	280	Tiffany	Bryant	Philander Smith College	Black Hole Classifications and Accretion Disks Physics
3	283	Michelle	Bundy	Saint Augustine's University	Search for a Metallic State on a GaAs Surface by Electrolytic Gating
1	181	Cody	Butler	Norfolk State University	Improving Usability and Accuracy of Facial Recognition Software
1	323	Amber	Camacho	Cal State Long Beach	Designing and Manufacturing Microfluidic Devices Using 3D Printing Technology
2	224	Christian	Campo	The City College of New York	Satellite Base Soil Moisture Product Validation Using Ground Observations
2	174	Damian	Canady	North Carolina Central University	Organic Contaminants and Their Effects on Estrogen Receptor Beta Gene Expression in the Human Neuroblastoma Cell Line, SH-SY5Y
4	381	Haley	Canham	SUNY College of Environmental Science & Forestry	Barrier Island Sediment Transport due to Hurricane Overwash Events
1	149	Yariann	Cardona	Universidad del Turabo	Synthesis of (Ag, Cu, Au) Nanoparticles Embedded in Polymeric Nanocomposite Material for Antibacterial Applications
1	311	Bria	Carmichael	Xavier University of Louisiana	Challenges in Sustaining Community-Based Participatory Research Partnerships
2	270	James	Carroll	Middlesex Community College	New Approaches for the Directed Assembly of Cells for Origami Tissue Engineering

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3	230	Jamaya	Carter	Talladega College	Screening Corn (Zea mays) Varieties for Tolerance to Drought
4	331	Jevan	Carter	Onondaga Community College	Analysis of Noninvasive Methods of Material Properties Prediction in Mechanical Composites
2	353	Lenoi	Carter	Onondaga Community College	Circuit Board Design and Impedance Testing for the Atacama Cosmology
2	366	Alfer	Castro	University of Puerto Rico-Mayaguez	Strengthening of Aluminum with Functionalized Multiwalled Carbon Nanotubes by Mechanical Alloying and Sintering
1	100	Usman	Chaudhry	Xavier University of Louisiana	Inhibition of HSV-1-associated Ocular Neovascularization by Cyclin-dependent Kinase Inhibitors
2	201	Yanna	Chen	New York City College of Technology	Can Microwave Emissivity Show Us Global Drought Estimates?
2	101	Isis	Christopher	Fisk University	Computational Modeling for Understanding RAGE Activation
1	75	Alexandria	Chumney	Washtenaw Community College	Algal Diversity Reduces Invasibility Into Open-pond Algal Biofuel Systems
3	37	Binika	Chunara	Baltimore City Community College	Overexpression of CAH1 and CAH8 in Chlamydomonas Reinhardtii
1	332	Uthman	Clark	Tuskegee University	Numerical Simulation of High-Speed Flow using Computational Dynamics
3	87	Tania Lee	Class-Martinez	University of Puerto Rico, Mayaguez Campus	Analyzing Engineered Cyanobacteria Strains for Glycogen and L-lysine Production
1	220	Michael	Cleveland	Tougaloo College	Commercial Businesses Going Green Identifying DeKalb County, GA Businesses Engaged in Recycling
3	88	Jeff	Cole	Samford University	Molecular Evolution of Sperm Proteins in Danaus Butterflies

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3	271	Diane	Collard	Kansas State University	Functionalized Boron Nanoparticles: Characterization of Thiol-ene Click Chemistry
3	25	Hasahn	Conway	Xavier University of Louisiana	Anti-Angiogenic Actions of Some Rare Ketoheoses Measured by an in Vitro Migration Assay
4	4	Christa	Corley	Tougaloo College	Silver Clusters Inhibit the Biofilm Formed by Bacillus Thuringiensis
3	367	Marylyn	Creer	Alabama A&M University	Effect of Bagasse Filler Nanoparticles on the Thermomechanical Properties of Bio-Based Epoxy System
1	312	Danyelle	Crusby	Tuskegee University	BPR Fostering Retention in STEM Disciplines at Historically Black Colleges and Universities
1	379	Efrain C.	Cuellar	Chabot College	Engineering Bacterial Surfaces for CO2 Capture
2	182	Leo	Curry	J.F. Drake State Community and Technical College	The Advancement of Machine to Machine (M2M) Technology
3	128	Mason	Dana	Spelman College	FIS2-Dependent Down-Regulation of Invertase Inhibitors During Arabidopsis Seed Development
2	120	Miranda	Daniel	Bennett College	Is Filamin C-a Required for Cardiac Development in Zebrafish?
1	238	Emily	Daniels	SUNY College of Environmental Science & Forestry	Perfluorinated Compounds(PFC) Sorption to Pre-treated Activated Carbon
4	168	Jasmine	Daniels	Texas Southern University	Functionalization of H-terminated Si(111) with 1,2-epoxy-9-decene
1	169	Valencia	Danner	University of Maryland College Park	Methods to Mass-Produce Graphene Films
3	295	Fatma	Darwish	Dillard University	Investigation of the Visibility of Removing Cancerous Cells and Tumors by using the Carbon Dioxide Laser Ablation Technique

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2	38	Veronica	De Pascuale	Oberlin College	Prevalence of <i>Vibrio vulnificus</i> and <i>Vibrio parahaemolyticus</i> in the Maryland Coastal Bays
2	116	Carlos	Declet	University of Puerto Rico Rio Piedras Campus	Detection of Respiratory Syncytial Virus Using Gold Nanoparticles
3	183	Jasmine	DeHart	Philander Smith College	Quality of Website Selling Digital Products
1	184	Eliakin	del Rosario	University of the Virgin Islands (St. Thomas)	Cyber Analysis, Simulation, and Experimentation Environment (CASE_V) Test Bed
2	150	Jean	Devera	University of the Virgin Islands	Vibrational Scaling Factors for Transition Metal Carbonyls
1	39	Julian	Dill	Lawson State Community College	Molecular Mechanisms for Thrombospondin 1-Induced Calreticulin Recruitment of LRP1 for Signaling Complex Formation
2	76	Anna	DiPaola	University of California, San Diego	Demography and Spatial Extent of <i>Atta Cephalotes</i> Colonies
3	102	Karien	Dixon	Tougaloo College	Effect of Pneumococcal H2O2 on Epithelial Cell Gene Expression
2	239	Ricky	Dixon	Mississippi Valley State University	A Corresponding Study Of Water Quality Evaluation in the Pasquotank Watershed in Northeastern North Carolina
1	313	Aria	Dockham	Ohio Wesleyan University	Is Telicity Visible in Sign Languages?
2	354	Antonios	Doliotis	University of the Virgin Islands	Utilizing Micromodems for Underwater Communication
3	77	Hanna	Dornhofer	Reed College	Stand Composition, Structure, and Dynamics in a Mature Oak-hickory Forest of Northeastern Kansas
3	296	Jade	Douglas	Alabama A&M University	Surface Resistivity of Polyvinyl Alcohol Thin Films

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2	40	Hiram	Dunn	University of Maryland Eastern Shore	Reproductive biology of the female Jonah crab from the Maryland-Virginia Coastal Zone
1	103	Mariana	DuPont	Dillard University	Optimization of TH-P1 Human Monocytes Culture Condition prior to Mycobacterium Tuberculosis Infection
3	121	Robert	Emeh	Alabama State University	Role of Median Preoptic AT1a Receptors in Thirst Regulation
2	104	Shanan	Emmanuel	University of the Virgin Islands	Development of a Protocol for Enrichment of Hemogregarine-Infected Fish Erythrocytes and Transmissible Cysts
3	105	Blessing	Enya	Savannah State University	Detection of Avian Influenza Virus using Real Time PCR
1	165	Shanece	Esdaille	University of the Virgin Islands	The Quantification and Separation of Five Target Organic Acids via High Performance Liquid Chromatography
2	247	Ashana	Evans	North Carolina A&T State University	The Numerical Simulation and Mathematical Analysis on a Model Predicting and Preventing the Measles Epidemic
1	304	Shayla	Evans	Elizabeth City State University	Conceptual Understanding and Language Fluency
3	151	Zachary	Farley	Kennesaw State University	The Design and the Development of the SCI HUB Database
2	333	Gabriel	Fernandez	Middlesex Community College	Using Origami Method in the Development and Testing of Liver Microstructure Devices
3	129	Kiah	Ferrell	University of Arkansas at Pine Bluff	Developing an Anther Culture System in Soybeans
1	175	Hohite	Fetene	Benedict College	Modeling Well-Mannered Society with Emotional Agents to Promote Students' Learning
1	257	Andrew	Fowler	Garden City Community College	Temperature Sensing Nanocrystals

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3	334	Maxwell	Fox	Colorado State University	Upscaling of a Low Cost, High Throughput Micro-fluidic Filtration Device for Cyanobacteria Harvest
3	41	Latisha	Franklin	Dillard University	Cloning Isoform 1 of TEM8
1	261	Janay	Frazier	Norfolk State University	Fabrication of Diamond Ultraviolet Light Emitting Diodes
2	185	William	Frazier	Auburn University	Developing a Cyber Awareness Course for High School Students
2	26	Ji'Vone	Freeman	Philander Smith College	Altered Human CST Expression Effects Replication Origin Initiation in Response to DNA Replication Stress
3	186	Freronica	Frizell	Mississippi Valley State University	Investigating the Vulnerabilities of Android System
3	204	Kristina	Frogoso	University of Arkansas at Little Rock	Using Environmental and Natural History Traits to Predict On-Going Global Amphibian Die-offs
3	272	Tahiri	Fuentes Dávila	University of Puerto Rico, Mayaguez	Nanotechnology Video Game for Middle School Students
1	324	Adriane	Fura	University of Washington	A Microfluidic Device for Measuring Clot Size and Force Generation
3	42	Preñicia	Gant	Grambling State University	Analysis of Gene Expression in Traumatic Brain Injury
1	27	Angel	Garcia	Tougaloo College	sMICA as a Factor of Immuno-evasion in Prostate Cancer
1	248	Johnny	Gary	Mississippi Valley State University	The Effect of Calculator Use on Students' Performance and Attitude In Math: A Meta-Analysis
1	43	Manraj	Gill	University of California, Berkeley	Transcriptional Regulation of Telomerase

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4	5	Dirk	Glen Jr	Howard University	Development of Avicquinone Analogs to treat Androgenic Alopecia
2	314	Aliyah	Glover	University of Arkansas at Pine Bluff	A Pilot Study of Maternal Smoking in Lactation Increasing Infant Weight-for-length Gain
1	137	Edwin	Gomez	University of New Orleans	Conformational Sampling of Glucose Oxidase for Bio-fuel Cell Applications
2	205	Kyle	Gonsalves	University of the Virgin Islands	Sexual Selection and its Relation to Isolative Reproduction in Three-spine Stickleback (<i>Gasterosteus aculeatus</i>)
4	284	Eliovardo	Gonzalez	California State University San Bernardino	Piezoresponse Force Microscopy (PFM) Results on a New Organic Piezoelectric.
4	368	Miguel	Gonzalez	University of Puerto Rico-Mayaguez Campus	Implementation of Nano Silicate Particles for High Performance Concrete
3	130	Alexander	Goodwyn	Eastern Michigan University	Biofuel Yields of Various Freshwater Nuisance Algae
2	44	Lydia	Gorfu	Spelman College	Effects of Model Selection and Number of Characters in Defining DNA Barcode Gap for Species Delimitation in <i>Cochliopodium</i>
1	187	Ajiah	Graham	J.F. Drake State Community and Technical College	How the HTML Language Has Changed Over the Years...What's Next?
3	89	Villisha	Gregoire	University of the Virgin Islands	Differential Success of Primers on Tissue Samples Extracted from Populations of <i>Molossus molossus</i> on St. Thomas
2	262	Brianna	Griffin	Virginia State University	Sol-gel Synthesis of Silver-doped Silica-titanium Dioxide Nanocomposites as Potential Antimicrobial and Photocatalytic Thin Film
1	145	Rosario	Guel	University of Washington	Production and Characterization of a Recombinant Bispecific Antibody for the Treatment of AML
3	263	Taliya	Gunawansa	Norfolk State University	Characterization of graphene growth on Pt(111)

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3	131	Kimberly	Hamilton	CSU Stanislaus	Ignorant Seed Predators: A Manipulative Experiment Exploring the Mechanisms of Seed Kleptoparasitism by Two Mammal Species and their Effects on Seedling Survival
4	152	Brittnie	Hanley	Alabama State University	Chemical Interaction the Forensic Drug Cocaine and Gold Nanoparticles
4	260	Jared	Hanley	University of the Virgin Islands	Electrical Conductivity and Raman Spectroscopy Measurements of Electrodes for LiFePO ₄ Battery
4	346	Brandon	Harrington	Virginia State University	Modern Port Logistics and Related Traffic
1	273	Zaki	Harris	Delaware State University	AFM Nanomechanical Analysis of Lipid Bilayers in the Presence of Gold Nanoparticles
1	153	Xavier	Hawthorne	Texas Southern University	Solubility of Nonpolar Nonaromatic Solutes in 1,3-Dimethylimidazolium Bis[(trifluoromethane)sulfonyl]amide
1	369	Marivic	Hernandez	University of Puerto Rico-Mayaguez Campus	Study of Thermo-Mechanical Properties of an Al-Zn Matrix Reinforced with Dodecaboride Particles
1	106	Natasha	Hessami	Western Washington University	Cloning and Expression of RNA Polymerase L Protein in Ebolavirus
2	370	Chelsea	Hicks	Albany State University	Moisture Absorption and Thermal Studies of Jute Fiber with/without Chemical Treatments
2	225	Amber	Hill	University of Arkansas at Little Rock	Sediment as a Source of Contamination Tri-State Mining District
3	363	Taylor	Hines	Howard University	A small-scale mobile anaerobic digester
2	274	Joshua	Hodge	Hinds Community College	Theoretical Study of the Effects of Pesticides on DNA Bases
2	188	Kathryn	Hollowood	Roberts Wesleyan College	Classifying Frog Calls Using Gaussian Mixture Models and Locality Sensitive Hashing

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2	107	Kathlyn	Hornberger	Milwaukee School of Engineering	Effects of Lactobacillus casei on Intestinal Inflammation: An in vitro Approach
3	45	Mercedes	Howard	Delaware State University	Ratiometric Calcium Imaging in Chick Optic Tectum Astrocyte Cultures
3	46	Carolina	Huertas-Ayala	University of Puerto Rico - Cayey Campus	Expression of Survival Factors on BT-20 Breast Cancer Cells after Treatment with r-Moj-DN
2	78	Marcus	Hughes	University of Maryland Eastern Shore	Comparing the Ecosystem Health of the Patuxent and Choptank River from the Menhaden gut
3	275	Nantiporn Kate	Inchun	LSU Shreveport	Characterization of the Interactions Between Model RNA, Protein, and Bio-relevant Nanoparticles
1	47	Aswad	Jackson	Tougaloo College	The Novel Mechanism of Oxidative Stress in Fatty Livers
1	206	Destiny	Jackson	Virginia State	Importance of Urban Trees in Reduction of Pollution in Appomattox Watershed: Use of GPS and ArcGis
2	207	Latia	Jackson	Virginia State University	Identification of Phytoplankton Collected at Hilo Bay, Hawaii Using Scanning Electron Microscope
3	84	Shannon	James	Fort Valley State University	Analysis of Animal Hair Samples Using Microscopic Techniques for the Forensic Assessment of Individual Identification Characteristics
3	189	Jamelle	Jaudon	Savannah State University	The Impact of Software Safety on the Software Development Process at the Architectural Level
3	297	Luis	Jauregui	California State University, San Bernardino	Electron Beam Focusing in Linear Accelerators
4	351	Nicole	Jefferson	Virginia State University	Treasure Application Protection System: Biometric Radio frequency Identification Protocol
3	208	Kyle	Jerris	University of the Virgin Islands	The West Indian Sea Egg (<i>Tripneustes ventricosus</i>) is Negatively Impacted by the Invasive Seagrass <i>Halophila stipulacea</i>

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2	290	Aaleyah	Joe	Mary Baldwin College	LIBS for the Quantification and Detection of Gold Nanoparticles
2	154	Ryan	Johnston	University of the District of Columbia	Mechanistic Re-investigation on Strecker Synthesis of Aminonitrile
2	28	Demia	Jones	Harris-Stowe State University	Daily Gene Expression In Brain Tumors
3	90	Justin	Jones	Saint Augustine's University	Evolution of the MYB Gene Family of Transcription Factors
3	29	Kayla - Marie	Jones	Tuskegee University	Autochthonous Flora and the Development of Aominduced Colon Cancer
3	335	Florantine	Joseph	Howard University	Structure Implementation to Relieve Traffic Congestion
3	155	Lorne	Joseph	Old Dominion University	Mechanism of the Oxidation of a Cobaloxime by Bromine and Sodium Hypochlorite in Aqueous Media
2	48	Fabiola A.	Juarez Jaramillo	California State University Los Angeles	Fibrosis Developmental Mechanisms in the Type 2 Diabetic Liver
3	30	Maryanne Mbesu	Karuga	Dillard University	The Effects of Psychological Stress on the Seroconversion Rates of Non-Metastatic Breast Cancer Survivors Treated with Chemotherapy Compared to Controls.
3	298	Kwyntero	Kelso	Alabama A&M University	Creating Multi Gas Gap Resistive Plate Chambers (MRPC)
4	144	Anissa	Kennedy	Winston-Salem State University	Preparation and Evaluation of Fluorescent Carbon Dots from Tea and Coffee Extracts
3	299	Brianna	Kenney	Alabama A&M University	Detection and Identification of Concealed Nitrates used in Explosives Using Conventional and Standoff Raman Spectroscopy
2	138	Cyrienne	Keutcha	Georgia State University	The HmuT Protein in the Heme Uptake Pathway of Corynebacterium diphtheriae

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3	209	Kamberlin	King	Mississippi Valley State University	Validation of the Antarctic Snow Accumulation and Ice Discharge Basal Stress Boundary in the Southeastern Region of the Ross Ice Shelf, Antarctica
3	139	Brenna	Kirk	New College of Florida	PtSIT1: protein function in silicic acid transport for biomimetic silica synthesis
4	347	Romeo	Kpolo	Onondaga Community College	An Implementation of a Support Vector Machine for Image Classification
4	140	Rachel	Kyeremaa	University of Georgia	Studying the Role of Histidine-133 in Class I Nitronate Monooxygenase from Pseudomonas Aeruginosa PAO1 by Site-Directed Mutagenesis
1	190	Michelle	Lane	Winston-Salem State University	Developing a Universal Survey App for Mobile Devices for In-class Use
1	210	Richard	Laplace	University of the Virgin Islands	Coral reruits on Palmyra Atoll exhibiting 'Stranger Danger'
1	233	Luis A	Laracuenta	University of Puerto Rico at Mayaguez	Photo-degradation of Atrazine with Recycled Glass Filter Functionalized with TiO2
4	276	Nikia	Lawrence	Virginia State University	Temperature Responsive Hydrogel Nanocomposites for Drug Delivery Applications
2	355	Tam	Le	University of the District of Columbia	The design and Implementation of a Voice Recognition System For Identity Verification
4	156	Katelyn	Leets	Syracuse University	Synthetic Studies on Kapakahine C
1	11	Angel	Leon	University of Washington	Assessing Cisplatin-induced Nephrotoxicity Using Both Conventional Cell Cultures and a Novel Microphysiological System
4	6	Justine	Lewis	Howard University	Novel Discovery of a Tyrosinase Inhibitory Activity in a Commercially Available Garlic Oil Preparation
1	157	Sheela	Lewis	California State University of Bakersfield	Novel and Environmentally Friendly Synthesis of Isoxazolines in a One-Pot Reaction

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1	305	Germysa	Little	Tennessee State University	An Investigation of Mentoring Practices of Graduate STEM Programs
2	170	Zachary	Lockley	Pennsylvania	S-Se exchange in WSe ₂ Thin Films
2	249	Evans	Lodge	Calvin College	Protective Population Behavior Change in Outbreaks of Emerging Infectious Disease
3	300	Nicole	Lopez	California State University of San Bernardino	Developing a Real Time Wing Bending and Twist Algorithm Using FOSS
3	291	Khensu-Ra	Love El	Morehouse College	Superconductive Cavity to Study Surface Resistance- Weld Test and Structural Analysis
3	108	Marlene	Macias	California State University Los Angeles	Transcriptional Analysis of Candida albicans Yck2 Gene and Its Homologs in Different Environmental Conditions
2	158	Angelica	Mack	Howard University	Synthesis of Avicquinone C and Derivatives towards the Study of 5 α -Reductase Inhibitory Activity
2	356	Dylan	MaGowan	University of the District of Columbia	Design of a Wearable Alcohol Blood Level Monitoring Device
1	109	Dolon	Malaker	Rochester Institute of Technology	The Effect of Probiotics Streptococcus salivarius K12 BLIS and Streptococcus salivarius M18 Against the Virulent Streptococcus mutans Serotypes C, E, F, and K
2	110	Courtney	Mangum	Tougaloo College	Neuroprotective Role of Galectin-1 on the Neuropathogenesis of HIV-1
2	357	Sebastian	Manzo	Pennsylvania State University	Can Known Etching and Exfoliation Techniques Reliably Thin Down MoS ₂
3	371	Raul	Marrero	University of Puerto Rico-Mayaguez Campus	Study of Sustainable Concrete Reinforced with Bamboo Fibers
4	372	Michelle	Marrero-Garcia	University of Puerto Rico-Mayaguez Campus	Effect of NbB ₂ nanoparticles on the Portevin-Le Chatelier Phenomenon in Al-Mg Alloys

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3	159	Madalynn	Marshall	Iowa State University	Barbituric Acid: A Polymorph and Tautomer Chameleon
3	111	Mason	Marshall	University of Kansas	Application of Cinnamon and Curcumin to Deter E. coli Growth and Increase Antibiotic Susceptibility
1	250	Zanah	Marshall	North Carolina A&T State University	Employing a Physiologically Based Pharmacokinetic Model Including Absorption and Exhalation to Examine Chemical Transport throughout the Body Based on the Method of Drug Delivery
2	226	Luis Bernardo	Martinetti	University of Texas at El Paso	Modeling Crustal Structure of the Bushveld Complex Using Receiver Functions
3	49	Luis Enrique	Martinetti	The University of Texas at El Paso	Investigation of Hippocampal Pathways in a Mouse Model of Lead Exposure Relevant to the El Paso Region
1	285	Joseph	Martinez	California State University San Bernardino	New Ferroelectric Material "MeI"
2	264	Mackenzie	Matthews	Tuskegee University	A Molecular Dynamics Simulation Approach to Predict the Elastic Properties of Epon 862 Polymeric Nanocomposites with Single and Multi-Walled Carbon Nanotubes
1	31	Alexis	Maynor	Tuskegee University	The Efficacy of a Breast Cancer Registry for Improve Survival in Under Resourced Environments
1	50	Beatrice	Mbaluka	Oakwood University	Dietary Interventions Modulate Cardiac Hypertrophy and Cardiac ACE2/Ang1-7 MasR Axis.
2	211	Taylor	McClanahan	University of Arkansas at Little Rock	Microclimate Effects on Aedes albopictus Mosquitoes
1	51	Terry	McCullough	Lawson State Community College	Protein Expression of ATP Synthase Regulators in Pressure-overload Induced Cardiac Hypertrophy
3	132	Julian	McCormick	Bowie State University	DNA Barcodes of the yam species of the genus Dioscorea in Southeastern Nigeria
3	301	Eshirdanya	McGhee	Alabama A&M University	Optical Detection of Adulterants in Powdered Baby Formula

Session	Poster #	First Name	Last Name	Institution	Abstract Title
3	122	Jessica	McKenzie	Tougaloo College	Early administration of 17- Hydroxyprogesterone Caproate Improves Pathophysiology in RUPP rats
2	315	Nika	McClean	Virginia State University	The Ability of Depression and Age to Predict Cardiovascular Reactivity to a Math Stressor
2	52	Colleen	McLoughlin	Boyce Thompson Institute/Cornell University	Maximizing Transgenic Protein Stability in Algal Chloroplasts for Hydrocarbon Production
2	191	Olessya	Medvedeva	Borough of Manhattan Community College	Multimodal Deep Belief Network (DBN) for Multimodal Speaker Recognition and Emotion Detection
1	79	Alexi	Meltel	University of Hawaii at Manoa	Sex-Specificity of Resource Use in Ithomiine Butterflies
2	12	Yarid	Mera	University of Washington	Quantification of Viral Genome Uptake After AAV6 RR1.2 Injection in Mice with Dilated Cardiomyopathy
2	364	Francois	Mertil	New York City College of Technology	Retrieving Vegetation reflectance at Beltsville Using Photosynthetically Active Radiation (PAR) Sensor and a Spectroradiometer Positioned at an Unmanned Aerial Systems (UAS)
1	277	Joshua	Middleton	Alabama State University	Evaluation of Gold Nanoparticles Toxicity to Human Epithelial Cells (HEp-2 cells) and Effect on Apoptotic Genes
2	316	Shakira	Miles	Virginia State University	The Ability of John Henryism to Predict Religiosity in African American College Students
1	380	Paul	Millard	Howard University	Effects of Poly-Ethylenimine Dynamics on DNA Nanoparticle Packing
3	53	Joselyn	Miller	Alabama State University	Microglial Activation in the Superior Colliculus after Retinal Ischemia/Reperfusion Injury in Mice
1	265	Amir	Mills	Stillman College	Synthesis and Application of Dendrimer-encapsulated Cu Nanoparticles
1	373	Maiya	Minor	Talladega College	Effects of Alkaline and Silane Treatments on the Thermal and Mechanical Properties of Woven Flax Fibers

Session	Poster #	First Name	Last Name	Institution	Abstract Title
2	251	Chelsea	Mitchell	Virginia State University	Calculated Life Expectancy of the Average Scottish Person in Relation to Smoking Rates
1	123	Destiny	Mitchell	Mississippi Valley State University	Nr4a2 is a Glucose Sensor in the Rodent Heart
2	317	Le'Andrea	Mitchell	Tougaloo College	Mississippi Seals and Its Efforts to Decrease Childhood Carries and Provide Access to Dental Care
3	91	Esmeralda	Montes	University of California, Los Angeles	Investigating Cell Growth in the Wing Imaginal Disc of D. Melanogaster Upon PTEN and TSC Inhibition
2	124	Maria	Montes	Garden city community college	Surface Expression of Membrane Proteins Detected using an ELISA-based Luminometric Assay
3	117	Aundrya	Montgomery	Alabama State University	Effects of Gold Nanorod Applications to HEP-2 Cells to Evaluate miRNA Expression and Cytotoxicity
1	118	Alina	Moriarty	Norfolk State University	Development of a Glucose Biosensor Using Multi-Walled Carbon Nanotubes
3	133	Calwyn	Morton	University Of The Virgin Islands	Halophila Stipulacea Survival Under Adverse Conditions
3	160	Romaric	Mukuna	Boise State University	Synthesis and Testing of New MTN Inhibitors as Novel Antibiotics
2	236	Elvia Angelica	Munoz	Humboldt State University	Conservation Agriculture by Rural Farmers in India: Who Adopts it, Why and What are the Outcomes?
3	192	Whitney	Nelson	Hampton University	Pi in the Sky (Scripts for Web Interface)
4	54	Neda	Nguyen	Florida A&M University	Analysis of Xylem Sap Proteome in Grape
2	266	Taylor	Noeller	Alabama State University	RNA Phage Display Peptide: A Platform for Biosensor Development

Session	Poster #	First Name	Last Name	Institution	Abstract Title
1	336	Gregory	Nowlin	Virginia State University	Improving the Life of Friction Stir Welding Tool for High-Strength Materials Using a Donor Material
1	55	Hanna	Nune	University of Georgia	Cloning and Expression of a Complete RNA Polymerase from <i>Acinetobacter baylyi</i>
1	325	Jamie	Nunez	University of Washington	Effect of Flow on Bacterial Endocarditis
2	56	Amarachi	Ochiobi	University of Georgia	To Determining the Localization of She1 in Yeast Cells Using SUperNova Tagging System
2	337	Chinaza	Ochiobi	University of Georgia	Minimizing 3-D Printer Error
3	92	Onyinyechi	Ochiobi	University of Georgia	Investigation of Dendritic Spines in <i>Caenorhabditis elegans</i>
1	161	Winston	Odom	Morehouse College	New Reactivity Methods: Synthesis and Reactivity of 4-Heteroaryl-N sulfonyltriazaoles
2	80	Vera	Okolo	University of Washington	Interactions between Diatoms and Their Associated Bacteria
3	93	Katelyn	Oliver	CSU	Construction of a LuxAB Promoter Probe to Assess Light:Dark Responsive Promoters in <i>Synechocystis</i> sp. PCC6803
2	202	Tyler	O'Neal	Delaware State University	Undergraduate Student Experiential Learning on Climate Change at the University of Hawaii, Hilo
1	193	Carlos	Ontiveros	California State University Dominguez Hills	A Maximum Weighted Flow Algorithm Based on Push-Relabel Method
2	146	Nkiruka	Oragwam	California State University Bakersfield	Synthesis of Small Molecule Inhibitors of LOX
3	338	Andrew	Ortiz	Seward County Community College	Modeling Lighting Systems Using AGI32

Session	Poster #	First Name	Last Name	Institution	Abstract Title
2	358	James	Outlaw	Saint Augustine's University	Characterization of Thinned Black Phosphorus Flakes using Raman Spectroscopy
2	227	Ayanna	Overton	North Carolina A&T State University	Validation of the ABSB of the Southwestern Region of the Ross Ice Shelf, Antarctica
3	57	Ruben	Pando	Seward County Community College	Identification of Specific Genes Involved in Proteasome Autophagy
2	194	HeeSeung	Park	The City College of New York	Mobile App for Wizard of Oz study of the VISTA Wearable Assistive Device
2	286	Tanviben	Patel	Elizabeth City State University	Optical and Electrical Properties of Vanadium Dioxide (VO ₂) Thin Film Doped with Niobium (Nb)
2	241	Jakobi	Peets	University of the Virgin Islands	Large-eddy Simulations of Tidally-driven Turbulent Flows in Shallow Continental Shelf
1	252	DeWein	Pelle	University of the Virgin Islands	Probability Distributions of Yellowfin Groupers within the Grammanik Bank
4	58	Famatta	Perry	Delaware State University	Role of APC-PSD93 Interaction in Neurite Outgrowth and Axon Determination
3	212	Maria	Petelo	University of Hawaii: Kapiolani Community College	The Cost of a Sexual Signal: Examining Survival/Reproduction Tradeoffs in <i>Norops aquaticus</i>
3	231	Adria	Peterkin	Howard University	FAME Extraction: Refining the Technique for Extracting Fatty Acids from Mexican Native Plant Seeds
1	242	Candace	Petersen	University of the Virgin Islands	Climate Data Analysis
3	195	Bathsheba	Petty	Philander Smith College	Shorter vs Longer: A Model of Password Entropy
2	162	Jasmine	Phillips	Savannah State University	Synthesis of New Lanthanide Catalysts for Polymerization of Naturally Renewable Unsaturated Gamma Lactones into Cross-linkable Biodegradable Polyesters

Session	Poster #	First Name	Last Name	Institution	Abstract Title
4	339	Courtney	Pickett	J.F. Drake State Community and Technical College	How CNC Machining and Manual Machining Can Both be Effective?
1	112	Webs	Pierre	University of the District of Columbia	The Introduction of the Susceptible Phenotype into Resistant BS-90 Biomphalaria glabrata Snails
3	94	Amber	Pinnock	Bethune-Cookman	Expression of Disease-relevant Thermal Adaptation Genes in Response to Thermal Stress in a Vertebrate Ectotherm
3	213	Tyler	Plum	West Virginia University	Using the Position of Digestive Contents to Map Chlorinated Hydrocarbon (CHC) Movement through the Smooth Dogfish (<i>Mustelus canis</i>)
2	166	Shahrazad	Polk	Texas Southern University	Looking at Alkali Pre-extraction Conditions and its Effect on the Composition of Different Hybrid Poplar Cultivars
2	258	David	Powell	Xavier University of Louisiana	Aptamer-functionalized Hybrid Nanoparticles for the Targeted Delivery of siRNA to Breast Cancer Cells
1	340	Keva	Powell	Southern University and A&M College	Comparison of Emission Reduction Effectiveness of Metal Catalysts on SiC Diesel Particulate Filters
2	341	Miguel	Powell	J.F. Drake State Community and Technical College	Designing and Fabricating Self-Leveling Quadcopter
3	302	Khyana	Price	Alabama A&M University	Pulsations of Neutron Stars
1	281	Cherish	Prickett	University of Rhode Island	Photometry of Orbital Space Debris at the Geosynchronous Earth Orbit
3	232	Phillip	Prince	Savannah State University	Characterizing Transposable Elements among Wild Tomato Plants (<i>Solanum spp. Sect. lycopersicon</i>) by Next Generation Sequencing (NGS)
3	13	Issa	Prosper	Saint Olaf college	Breadboard EMG: Building and Using Simple Electrophysiology Equipment
2	359	Alex	Ramirez	California State University of Bakersfield	Low-Cost Self-Governing Energy Management System for Micro-Grids

Session	Poster #	First Name	Last Name	Institution	Abstract Title
1	59	Sirai	Ramirez	William Paterson University	Cross Talk Between Cellular Organelles During Tail Regression in Tadpoles <i>Xenopus laevis</i>
2	60	Christina	Ranney	University of the District of Columbia	Effects of Cannabinoid Administration on Planarian Feeding Responses
4	7	Jennifer	Ream	Texas State University	Enhancing Yield of Low Copy Number E. coli Plasmids by Optimization of Cell Growth Media
3	61	Yuriyah	Reed-Harris	Oregon State University	Role of Laminin α -5 in Glioblastoma Cell Morphology and Movement
2	253	Marcos	Reyes	California State University of San Bernardino	Equality of Parameters $\mu(D)$ and $\kappa(D)$ for Three Element Distance Sets
3	259	Evan	Richards	Texas A&M University	High-throughput Microfluidic Photobioreactor to Investigate the Effect of Temperature and Nutrient on Microalgal Growth and Oil Production
1	214	Macy	Ricketts	Montana Tech of the University of Montana	Does Post-dispersal Seed Removal Differ Between Forest Gaps and Closed Canopy Environments?
2	374	Christian	Rivera	University of Puerto Rico-Mayaguez Campus	Fabrication and Characterization of Chitin Nanocomposites
4	62	Kashanna	Robinson	Delaware State University	Calcium Imaging Using Genetically Encoded Calcium Sensors in Chick Optic Tectum Astrocyte Cultures
4	8	Keilon	Robinson	Texas Southern University	The Use of Bovine Milk for the Generation of LacDiNAC (LDN) bearing N-glycans for the Chemenzymatic Synthesis of Schistosome-type Antigenic N-glycans.
4	348	Jamaal	Roby	Texas Southern university	Test-Bed for Efficient Data Collection in Wireless Rechargeable Sensor Networks via Unmanned Vehicles
2	215	Samantha	Rodriguez	Virginia State University	Urban Trees for Water Pollution Reduction in Appomattox Watershed: Taxonomy and Water Quality
3	125	Gerardo	Rodriguez-Orellana	University of Utah	mGluR 2/3 agonist DCG-IV Increases the Epileptiform Threshold in Rat Hippocampal Dentate Gyrus Brain Slices

Session	Poster #	First Name	Last Name	Institution	Abstract Title
2	318	Persephone	Rogers	Virginia State University	The Effects of Gender on Spirituality and Perceived Stress
3	163	Moises	Romero	CSU San Bernardino	Computational Analysis of Hydrogen Bonding Organoferroelectric Dimers
3	216	Zola	Roper	University of the Virgin Islands	Food Has No Significant Effect on Color of Elysia crispata, the Solar Powered Lettuce Sea Slug, in a Short Term Study
3	375	Jorge	Rosa	University of Puerto Rico-Mayaguez Campus	Computational Study of the Adsorption Properties of M(bdc)(ted)0.5 (M = Ni, Zn)
2	203	Emily	Rosenthal	Millersville University	A Comparison of Cloud and Aerosol Measurements from OCO-2 and CALIPSO
1	308	Erica	Ross	Harris-Stowe State University	Student-Centered Activities Promote Academic Behavioral Confidence
3	217	Yuliana	Rowe	Humboldt State University	The Effects of Climate-Induced Forest Disturbances on Spiders in a Northern Temperate Forest
4	376	Marivette	Rullan~Semidey	University of Puerto Rico-Mayaguez Campus	Sustainable Air-Entrained Concrete with Partial Replacement of Fly Ash and Nanostructured Silica
2	360	Sheriff	Sadiqbatcha	California State University of Bakersfield	A Novel Analytic Tool for Addressing Linguistic Uncertainties in Renewable Energy Resources
1	254	Chad	Sadler	Virginia State University	Modeling the Spread of Ebola in Liberia 2015-2015 Using Differential Equations
3	95	Monica	Saha	University of Washington	Measuring Cellular Growth Response to 6-MP Treatment and Protein Stability in all Possible Nonsynonymous Mutations in TPMT
1	63	Joren Jeico	Salazar	California State University Bakersfield	Cellobiose Transport: The Key to Trigger Virulence in the Plant Pathogenic Bacterium Streptomyces Scabies
2	32	Jessica	Sanchez	California State University of Fullerton	Immune Response Regulation of Double-Stranded RNA on Liver Tumor Formation

Session	Poster #	First Name	Last Name	Institution	Abstract Title
3	33	Justin	Sanders	Tuskegee	The Effects of Humulus lupulus on SCC-25 and Human Gingival Fibroblasts
4	352	Sadat	Sayon	Onondaga Community College	Using Biometrics to Track Student Use of Academic Support Services
1	73	Brianna	Scotland	University of the Virgin Islands	Antioxidant Activity in Local Algae
1	326	Jamilisse	Segarra-Villafane	University of Puerto Rico Rio Piedras Campus	Effects of Laser-Cutting in Muscle Tissue Biomechanics
1	377	Nelson	Sepúlveda-Ramos	University of Puerto Rico-Mayaguez Campus	Study of the Electrical Properties of Bio-Ferroelectric Composite Containing STO Nanoparticles
1	196	John	Settineri	City College of New York	Virtual Environment Design for Vibrotactile Sensors
3	81	Nika	Sewell	Howard University	Biodiversity and the Assessment of Commercial Fish Species in Lake Tana
2	197	Jade	Seymore	Bethune Cookman University	Web Privacy Census: Cookies and HTML5 Double as Flash Fades
2	361	Alexander	Shammai	Texas A&M University	A Compact and Low-Cost Light-Controlling Photobioreactor for Microalgal Biofuel Study
3	34	Romingo	Shaw	Southern University at New Orleans	Effects of Vitamin E Succinate on the metastatic Prostate Cancer Cells
2	64	Justin	Sherard	Delaware State University	The Relationship Between TDP-43 and Charcot-Marie-Tooth Disease
2	278	Sarai	Sherfield	Norfolk State University	Seeing Through Rock: How to Image Through Strongly Scattering Media
2	113	Courtney	Sims	Tougaloo College	Toxin and Protease Production by an Endophthalmitis Isolate of Streptococcus pneumoniae

Session	Poster #	First Name	Last Name	Institution	Abstract Title
2	319	Keiara	Smith	Dillard University	When the Water Becomes Unbalanced: A Study of Crime and Social Disorganization Post Natural Disaster
3	114	Maria	Smith	Rochester Institute of Technology	Investigation of Saliva Samples for the Presence of Serotypes f and k in Streptococcus mutans
1	327	Bethsymarie	Soto	University of Puerto Rico-Mayaguez	Modeling the Blood Brain Barrier from Stem Cell-Derived Endothelial Cells, Astrocytes, and Neurons
3	342	Taylor	Spencer	Howard University	Digital Imaging through Air Turbulence
2	345	Travis	Spice	College of Menominee Nation	Seasonal Implications of Photovoltaic (PV) Electricity Generation and Recommendations for Preventing Snow Buildup
3	96	Elizabeth-Michelle	Statler	Ohio State University	Developmental Gene Expression of Inward-Rectifying Potassium Channels in the Yellow Fever Mosquito
4	164	Jamira	Stephenson	North Carolina A&T State University	Structural Activity Relationship of Gas Chromatography-Mass Spectrometry Data of Metabolite Residues and Controlled Substances in Human Scalp Hair for Biomedical Diagnosis and Forensic Study
4	349	Nicholas	Strawn	Virginia State University	Vision Controlled Wheelchair
2	320	Darria	Streeter	Ohio State University	Children's Understanding of Geography
3	134	Mary	Swadener	University of Washington	Uncovering the Mechanism Underlying Polyploidy in Flowering Plants Using Single Copy Gene Phylogenies
2	228	Sonni	Tadlock	Northwest Indian College	Quantifying Food Species Produced by Ancient Clam Garden Technologies of the Salish Sea
2	229	Danielle	Tadych	Auburn University	Influence of Nitrogen Input on Active Soil Carbon in a Long-Term Crop Rotation Experiment
3	126	Deja	Talton	Mississippi Valley State University	Measuring the Accuracy of Consumer-based Physical Activity Monitors

Session	Poster #	First Name	Last Name	Institution	Abstract Title
3	65	Tracey	Taylor	Texas Southern University	Novel Biomarkers for HIV-1 Disease Progression
4	66	Asta	Teferra	Virginia State University	Identification of Cellulose-Degrading Bacteria from Termite Guts and Soil for Biofuel Production
3	171	Brittney	Terry	Lawson State Community College	Investigation into the Structural, Thermal, and Mechanical Properties of Chemically Treated Jute Fiber
2	234	Christian	Thomas	Dillard University	Environmental Stress Factor Associated with Aerosol Exposure after BP Oil Spill-the Last Four Years
1	67	Leah	Thomas	Milwaukee School of Engineering	Exploring prpC Enzyme Activity in Δ glT Δ prpC Escherichia Coli K12
1	141	Stephanie	Thompson	Georgia State University	Binding Studies of Mutated C2 Domain in Coagulation Factor VIII
3	303	Judy	Tran	California State University, San Bernardino	Codename Red: An Organic Piezoelectric Material
1	240	Linh	Tran	North Carolina Agricultural and Technical State University	A Quantitative Analysis of the Effects of Chemical Transport throughout the Body Based on the Method of Drug Delivery
4	350	Norbu	Tsering	Borough of Manhattan Community College, CUNY	RGB-D Sensor Based Indoor Localization for Visually Impaired
2	282	Omani	Tuitt	University of the Virgin Islands- St. Thomas	Developing a Test Stand for Lifetime Measurements using a Narrow Gap Detector
2	378	Azizi	Turner	Tuskegee University	Nano Eggshell Tailored Polyurethane Foam Composites for Structural Material Design
2	68	Victoria	Ubanyionwu	Texas Southern University	Effect of Curcumin on Endothelin-1 Mediated c-Jun Expression in Hippocampal Neurons
4	292	Nicole	Urban	Pennsylvania State University	Preparations of 2D Crystals with a Controlled Curvature

Session	Poster #	First Name	Last Name	Institution	Abstract Title
2	142	Daniel	Vallejo	California State Polytechnic University, Pomona	GC-FID Analysis of Bioethanol Produced from Amylase Expressing Yeast
2	173	Shannon	Vandevander	Virginia State University	Effect of Solvents on Zinc Oxide Nanostructures synthesis
2	14	Evelyn	Vasquez	University of California-Irvine	Cue-ing Intuition: Visuohaptic Training and Aim
1	115	Charles	Walker	Talladega College	The Effect of Metallic Nanoparticles on Nasopharyngeal Colonization
4	9	Keturah	Wallace	Johnson C. Smith University	Examining Kinetic Isotope Effects of Escherichia Coli (Ecoli) Nitrile Reductase
2	362	Geena	Wann-Kung	Kapiolani Community College	Wireless Payload Sensing Glider
1	15	Aurora	Washington	Tougaloo College	Investigating the Effects of Microgravity on 3D Cortical Micro-Tissues
3	69	Taylor	Washington	University of Arkansas at Little Rock	Targeting Psoriasis with Topically applied TNF- α Antisense Nanoconjugates
2	16	Heather	Waters	University of Washington County	Improving the Catalytic Activity of Isocitrate Dehydrogenase
3	235	Saidah	Whack	Clafin University	Cr6+ Resistant and Reduction of Bacterial Isolates from Savannah River Site Soil Sample
3	343	Shunafrika	White	Elizabeth City State University	Mechanical Design of Coronagraph CubeSat
3	198	Tori	Wilbon	Elizabeth City State University	Developing an Active Contours Model for Layer Detection from Polar Radar Imagery
3	135	Josh	Williams	Elizabeth City State University	Effects of Paromomycin on Self and Cross Pollinated Cultivars of Wisconsin Fast Plants (<i>Brassica rapa</i>)

Session	Poster #	First Name	Last Name	Institution	Abstract Title
4	70	Keira	Williams	Spelman College	The Fusion and Fission of Select Species of Amoebae
1	328	Kindle	Williams	The University of Alabama	Chemisorption Studies of Rh/Mn Catalysts for the Conversion of Syngas to Higher Alcohols: a Path to Abundant Fuels
4	71	Meleq	Williams	Clafin University	Correlation of Cobalt Effects on Gene Expression with Intracellular Metal Ion Accumulation in an In Vitro Sertoli cell Model
4	10	Sabriyya	Willis	Howard University	Osteological Markers of Alzheimer's Disease in the Cobb Collection
3	82	William	Willis	Tuskegee University	The Effects of Climate Change on Rumen Function and Microbiome in Moose (<i>Alces alces</i>)
2	200	Darius	Wills-Browne	Hampton University NaNOHU Program	Self Assembling in Evolutionary Nanobot
1	344	Nialah	Wilson	Howard University	Bellows Characterization for Dynamic Systems with Damping and Multiphase Flow
1	83	Jasmine	Winzeler	Eastern Michigan University	Algal Species Consortia Outperform Monocultures over a Range of Growth Conditions
2	321	Emily	Wong	University of Washington	Comparing Stair and Elevator Usage: Health and Energy Conservation in a Green Commercial Building
2	255	Isaac	Wright	Savannah State University	Exploring Reaction Times of Children Using Psychomotor Vigilance Test
2	72	Shamara	Wright	University of the District of Columbia	Inhibition of Fatty Acid Amid Hydrolase, but not Monoacylglycerol lipase, Interfere with Cephalic Regeneration in <i>Girardia tigrina</i>
1	127	Araba	Wubah	Washington and Lee University	An Examination of Humoral Antibody Reaction Levels to <i>Plasmodium falciparum</i> in the Cape Coast Area, Ghana
3	287	Elangeni	Yabba	University of the Virgin Islands	Time-Resolved Pump Probe Reflectivity

2016 ERN Conference in STEM
 Washington, DC - February 25-27, 2016
 Renaissance Ballroom
 Undergraduate Poster Presentation Schedule*

Poster Presentation Session 1: Friday, Feb. 26th - 10:00am - 12:15pm
 Poster Presentation Session 2: Friday, Feb. 26th - 4:00pm - 6:30pm
 Poster Presentation Session 3: Saturday, Feb. 27th - 8:00am - 10:30am
 Poster Presentation Session 4: Saturday, Feb. 27th - 11:00am - 12:30pm

Session	Poster #	First Name	Last Name	Institution	Abstract Title
1	218	Christopher	Yarbrough	Virginia State University	Phytoplankton Identification as Indicators of Abundance of Nutrients in Appomattox River
3	136	Jonathan	Yee	University of Washington	Functional analysis of LEAFY Homologs in the Fern <i>Ceratopteris richardii</i>
3	143	Ian	York	North Carolina Agricultural and Technical State University	The Use of Gaussian to Explain Lack of Fluorescence and Calculate UV Spectra of 2- and 4-thiouracil
1	256	Deja	Young	North Carolina Central University	Exploring a Career in Biostatistics while Researching the Association of Discrimination and Depression