

Session #	Poster #	First Name	Last Name	Institution	Abstract Title
2	288	Mikaili	Abdullah	Morehouse College	Optimal Control of a Coupled System of Nonlinear Ordinary Differential Equations Arising from Mathematical Biology
4	341	Bryan	Acevedo - Marrero	University of Puerto Rico at Mayaguez	Building Capacity on Resilient Infrastructure and Sustainability
1	40	Kierra	Adams	Ball State University	Genetic Engineering to Produce DCAs using Candida viswanathii through CRISPR Modification
3	13	Jolene	Addi	University of Connecticut	Effects of Bone Morphogenetic Proteins and Fibroblast Growth Factors on Mammalian Cells
1	21	Honour	Adewumi	Jarvis Christian College	An Analysis of Gold Nanoparticles on the Signal Transduction Pathways of MCF-7 Human Breast Adenocarcinoma Cells
1	86	Mikanna	Adkins	Dillard University	Antimicrobial Activity Of Plant Extracts On Oral Bacteria That can Cause Life Threatening Diseases
2	406	Dolapo	Afolabi	Virginia State University	Artificial Neural Networks (ANN) in Neuromorphic Computing
3	123	Alini	Agnes	Harris-Stowe State University	Effect of Monosodium Glutamate on the Expression of the Neurotransmitter Gamma-Aminobutyric Acid (GABA) within the Central Nervous System of Drosophila melanogaster
1	368	Ittaty	Aguilar-Guzman	Michigan State University	Artificial Intelligence; Human Robot Interactions
1	1	Medinat	Akindele	University of Minnesota	Evaluating Thermal Adaptation in Psychrophilic, Mesophilic and Thermophilic Variants of the Enzyme Ketosteroid Isomerase
3	216	Tawo	Akinnuoye	Morgan State University	Classification of Lung Computed tomography (CT) Patches Towards Effective Retrieval
3	85	Benny	Alexander	Oakwood University	Studies on the Interactions of Prostate Cancer Cells and Bone Derived Osteoblast Cells with Nanohydroxyapatite/PCL Based Scaffolds
4	331	Ashley	Alfred	Southern University A&M College	The Study of Narrow Gap Semiconductors for Far Infrared Semiconductor Sensor Devices and Photo Detectors
2	289	Hanan	Ali	North Carolina Central University	Uncovering Key Biomarker representative of Metabolic Syndrome's Disparate Health Outcomes using Machine Learning and Data Mining
2	290	Ciara	Allen	North Carolina Central University	A Sensitivity Analysis of Parameter Estimation in the Poisson Inverse-Gaussian Regression Model
1	330	Adolfo	Alvarado Rivera	Valencia College	Thermal Annealing Study of Polyvinylidene Fluoride (PVDF) Crystalline Thin Films
1	166	Ana	Alvarez	California State University, Los Angeles	Kinetic Study of the Corynebacterium diphtheriae Sortase via Isopeptide Bond Formation by HPLC
1	41	Ethan	Amador	Fresno State	Glutathione Manipulation Decreases Pyocyanin Production in Pseudomonas Aeruginosa
1	241	Alexandria	Ambrose	Savannah State University	The Circadian Patterns of Snapping Shrimp in an Estuarine Habitat
2	151	Sheevah	Amen	Virginia State University	Aging of Fecal Contamination in Recreational Waters
4	425	Alexander	Anderson	Tuskegee University	Interfacial properties of CNTs-added carbon fiber epoxy composites through Nanoindentation technique
1	304	Paula	Angarita Rivera	Indiana University-Purdue University of Indianapolis and Marian University	Comparing Untargeted Metabolomic VOC Analyses on Different Gas Chromatography Mass Analyzers: Single Quadrupole (MS) vs Quadrupole Time-of-Flight (QTOF)
1	2	Shabree	Anthony	University of the Virgin Islands	PTEN Phosphatase Activities in Large Unilamellar Vesicles
1	22	Wendy	Anyona	Delaware State University	Tagging the CD44 Intracytoplasmic Domain with the Fluorescent iLOV Domain
3	410	Nikki	Arakawa	Kapiolani Community College	Unification of Distributed Sensors and Control Systems for Mushroom Farming Optimization

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1	42	Yihun	Asires	Baltimore City Community College	Over Expression of Carbonic Anhydrase 3 to Increase the Biomass of Algae
1	3	Michelle	Asuquo	Shaw University	Optimization of Kinase Inhibitors for Activity on the Nuclear Receptor Nurr1
4	332	Jonisha	Aubain	University of the Virgin Islands	Quick, Catch!?! Preparing For LVC O3 with the VIRT and Zadko
1	235	Alexia	Austin	Virginia State University	Permafrost Microbial Community Responses to Thaw
1	167	Mason	Baber	Rollins College	Synthesis and Evaluation of Novel Multifunctional Opioid Peptidomimetics
1	43	Christian	Baer	University of Texas at San Antonio	Production of Molecular Tools to Study the Yeast Proteasome
1	4	Aissatou	Bah	The Ohio State University	Mapping Rous Sarcoma Virus Gag-genomic RNA Interactions via XL-SHAPE
4	426	Charles	Baker	Alabama State University	High Resolution 3D Printing of Cellulose Acetate Tissue Scaffolds
3	124	James	Ball	University of Missouri	The Regulatory Effects of Diet and Exercise on Glucose Metabolism and Vascular Insulin Signaling in Obese Mice
3	411	Julio	Banda	San Antonio College	Electro-thermal Co-Design and Optimization of Printed Circuit Boards in Power Electronics Converters
3	400	Jordan	Barrett - Elder	Harris - Stowe State University	Cart - Double Pendulum
1	236	Thierno	Barry	The City College of New York	Effect of Extreme Weather Disasters on Rice Production
1	5	Brian	Basinski	Grand Valley State University	PAPP-A: A Novel Therapeutic Target
4	77	Malcolm	Bass	Norfolk State University	A Journey of Phage Discovery for Bassalto
1	168	Shekinah	Bass	Winston-Salem State University	Organocuprate Mediated Synthesis of 2-Alkyl-substituted Thiochromanones
1	242	Leah	Bayer	Youngstown State University	Modelling Effects of Crayfish Invasion and Drought on Population Dynamics of Generalized Crayfish Life History Strategies
3	125	Jazmine	Baylor	Tougaloo College	Evaluation of Novel Biomarkers at the Early and Delayed Stage of Acute Myocardial Infarction
1	44	Branden	Beacham	Shaw University	Biological Synthesis of Short Glycogen Polymers
4	437	Esteban	Benero	Valencia College	The Hidden Energy in Rainfall
4	342	Ramya	Beuford	Harris-Stowe State University	Making Plans for Success in an Introductory Biology Course
2	152	Derek	Bishop	Vassar College	Mapping Conformational Changes in Calmodulin with Crosslinking Mass Spectrometry
3	217	Brian	Blackmon	North Carolina Agricultural and Technical State University	Facial Recognition Methods and Application
2	305	Maia	Bolden	Alabama State University	Effect of Nanoparticle Surface Charge on the Cellular Uptake of Hydrophobic Drug Loaded Nanoparticles for Cancer Therapy
3	218	Austin	Bos	New Mexico State University	A Case For Blockchain in IoT
3	267	Joedy	Boyd	Norfolk State University	Characterization of Mycobacteriophage using Direct or Enrichment Isolation Techniques
3	126	Mallory	Brayer	University of Scranton	Inhibition of Islet Nitric oxide Synthase (NOS) Prevents Cytokine Suppression of Glucose-induced Islet Ca ²⁺ oscillations
1	377	Josiah	Breda-Nixon	Tuskegee University	Characteristics of High-speed Flow Mixing using High-Frequency Actuators

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3	401	Matthew	Bredin	New Mexico State University	Sparse Matrix-Vector Multiplication with Migratory Memory Side Processing
1	23	Dameia	Brewster	Alabama State University	Cholesterol Homeostasis in Cancer: Synthesis versus Trafficking
4	343	Frederick	Brooks	Lawson State Community College	The Effects of Virtual Reality in Education
2	306	Paul	Brown	Jackson State University	One-Pot Synthesis Of Water Soluble Ultrasmall Iron Oxide Nanoparticles With Various Surface Coatings for T1-Weighted Magnetic Resonance Imaging
3	354	Benhur	Brown	Virginia State University	Trauma History and Academic Confidence on Depression in African American College Students
3	355	Rachelle	Brown	Tennessee State University	Stem Self-efficacy in HBCU Females and How It Relates to Persistence in STEM
1	87	Natasha	Bryant	J.F. Drake State Community & Technical College	Alternative Antimicrobial Cleansing Solutions
2	291	Asia	Bryant	Texas Southern University	Comparing Properties of Solutions to Certain Third Order Differential Equations with Related Coefficients
1	45	Arielle	Buckley	Michigan State University	Cross Species Transmission of a Protein Based Mechanism of Drug Resistance
1	169	Dawanya	Burgess	Clafin University	Pyrophosphate and Methylenediphosphonate Incorporated Uranyl Peroxide Cage Clusters
3	402	Jatwon	Burkes	Bethune-Cookman University	3D Reconstruction Using 2D Visual Data
1	435	Jamyla	Burkes	Tuskegee University	PLA Thin Film with Carbon Derived from Banana Peel
1	24	Taylor	Burnett	Hampton University	LRRC24, a Putative Negative Regulator of ERBB Family Receptor Tyrosine Kinases
1	88	Kamaria	Bush	North Carolina Agricultural and Technical State University, Greensboro, NC	Mutational Changes Across Pathways for Different Euryarchaeal Lineages
1	46	Victoria	Buskey	Virginia State University	Identification of MYCN as a Potential Survival Factor for Leukemia
2	153	Alexis	Butler	University of Arkansas at Pine Bluff	Bioanalytical Methods to Improve Microdialysis Sampling
3	261	Moriah	Byrd	Savannah State University	The Gulf Stream's Effect on the Variance of Temperature at Cape Hatteras Shelf
4	214	Mel Jesson	Cabrera	Bethune-Cookman University	Sensitive Material Privacy Safeguard for Unmanned Aerial Vehicles
4	344	Cynthia	Cabrera	Florida International University	Undergraduates as Annotators: Emulating Traditional Undergraduate Research Models
1	25	Kaejaren	Caldwell	Jarvis Christian College	The Study of the Inhibitory Effects of Crude Garlic Extract on MCF-7 Human Breast Cancer Cells
1	243	Huy	Cam	Seward County Community College	Fortified Blended Foods With and Without Whey Protein are Equally Efficacious in Rats
1	47	Maria Del Carmen	Camarena	California State University San Marcos	Independent Validation of Differentially Methylating Genomic Regions of Calcifying and Non-calcifying Cultures of <i>Emiliana huxleyi</i>
3	127	Shericia	Campbell	Virginia State University	Targeting the Integrated Stress Response in Cardiac Hypertrophy to Preserve Electrical Coupling
1	170	Tisa	Campbell	Voorhees College	Method Development of Arsenic Analysis in Sulfidic Waters using Liquid Chromatography and Mass Spectrometry
3	262	Nathaniel	Campbell	Savannah State University	Correlation among Gulf Stream Water Column Current Velocity Variability at Varying Depths Off the Coast of Cape Hatteras, NC
4	438	Lewis	Campbell	Morehouse College	Developing a Robust 'Breaking Point' Metric for Ant Excavation Robots

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1	89	Ashlyn	Carlton	University of Arkansas at Pine Bluff	Evaluation of Colicin Production and Biofilm Formation in Incompatibility Group I1 (Incl1) Plasmids Containing Salmonella enterica Isolates
1	48	Sarah	Carpe	University of Maryland, Baltimore County	Increasing Inorganic Carbon Uptake in Chlamydomonas Reinhardtii by Overexpressing Low CO2 Inducible Protein, LCI1
3	128	Maria	Carrera-Rodriguez	University of Puerto Rico, Mayaguez	Uncovering Biological Commonalities between Dengue and Parkinson's Disease
3	272	Marion	Carswell	Fort Valley State University	Rapid in Vitro Shoot Regeneration of Valeriana Officinalis
1	6	Jasmine	Carter	Clafin University	Exploring the Role of Nuclear Lamin A in the Regulation of Stress Response Using a Cell Culture Model of Aging
1	171	Karissa	Carter	Norfolk State University	The Measure of Antioxidant Activity in Ascorbic Acid Derivatives and Various Fruits
1	207	Angel	Cedeno	University of the Virgin Islands	Phenolic Content in Virgin Islands Plants
4	333	Jesus	Cedillo	Fort Valley State University	Analysis of Glycerol Droplets on a Liquid Crystal Surface and the Synthesis of Liquid Crystal Elastomers for Use as Electrical Actuators
3	412	Efren	Cervantes	Virginia State University	Fabrication of Porous Ceramic Structures Using Stereolithography 3D Printing
1	244	Maria Alejandra	Chardon Suarez	University of Puerto Rico, Rio Piedras Campus	Studies of the Borikenophis portoricensis (Puerto Rican Racer) using Instruments of Citizen Science
1	369	Chinwendu	Chukwu	Rutgers University	Engineering Nanoparticles & Immune Adjuvants for Cell Therapy
2	407	Reid	Chunn	Harris-Stowe State University	Creating a Micro Stepping Apparatus Using Arduino/Matlab for Custom Testing of Biomaterials
3	200	Nicohl	Cintron Rodriguez	Universidad Metropolitana Recinto de Cupey	Photoelectrochemical Studies of ZnO Functionalized with Organic Ligands for DSSC's Applications
1	378	Uthman	Clark	Tuskegee University	Simulation of Acoustic Flow Field Over an Open Cavity under High Speed Flow Regime
2	397	Tania Lee	Class-Martinez	University of Puerto Rico-Mayaguez	Evaluating Sn-Beta Stability for the Production of 5-hydroxymethyl-2-furfuraldehyde (HMF) from Glucose
3	129	Diamond	Clay	Fort Valley State University	Effects of Cholesterol on Development and Triglyceride Content of Drosophila
1	90	LeKivia	Cobb	University of Arkansas at Pine Bluff	Expression and Purification of Reovirus Protein $\sigma 1s$
1	370	Carolina	Colon	Valencia College	An All-Printed Wireless, Distributed Sensor Array Platform for In-Line Monitoring of Cell Manufacturing in Scale-Up Bioreactors
1	49	Tiana	Cooks	Dleaware State University	Characterization of Halotag Fluorescent Ligands in Plant and Animal Model Systems
3	356	Chelsey	Cooper	Virginia State University	The Ability of Coping Strategies to Predict Cardiovascular Activity to College Students
2	292	Nikkoiya	Cromwell	University of the Virgin Islands	Random Sampling of Nodes in Polynomial Interpolation
2	293	Cahron	Cross	Prairie State College	Jointly Ranked Prime-Reciprocal Sums and Natural Logarithms
1	50	Amorina	Cruz	Alverno College	A Phosphomimetic Version of Replication Protein A Demonstrates altered RPA-DNA Binding Interactions
1	51	Brooklyn	Cunningham	Jackson State University	Effects of Oil Dispersant on Lung Alveoli Cells
1	91	Aliyah	Curry	Alabama State University	The In Vitro Effects of Alcohol on Exosome Biogenesis In Kidney Cells
2	294	Darryle	Cyrille	University of the Virgin Islands	The Effects of Rounding Errors on Polynomial Interpolants

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1	213	Sara	Darensbourg	Florida A&M University	Efficient Path Planning of Additive Manufacturing Operations
3	374	Bianca	Davila-Montero	University of Puerto Rico - Mayaguez Campus	Identifying Critical Transition States of Pancreatic β Cells in Diabetes Patients with Non-linear Dynamics
1	26	Tiffany	Davis	Jackson State University	Vernonia amygdalia Anti-cancer Agents on Colorectal Cancer Cells
3	273	Marshay	Davis	Harris-Stowe State University	Observations on Flowers of <i>Nesocodon mauritianus</i> (Campanulaceae), a rare, gecko-pollinated endemic from Mauritius
1	245	Ariel	Davis-Rayford	Harris-Stowe State University	Studying the Causes of Urban Heat Islands Using Geographic Information Systems
2	256	Nimal	de Lanerolle	Suffolk County Community College, NY	Restoration of Salt Marshes on South Shore of Long Island: The science from an Intern's Perspective
2	295	Samantha	Deal	Tennessee State University	Minimal Mathematical Modeling of the Human Glucoregulatory System
2	296	Leo	Degon	Savannah State University	A Markov-chain Probability Distribution Mixture Approach to Hourly Forecasting of Clear-sky Index
1	379	Nicolas	DeLovato	New Mexico State University	Enhancement of Microchannel Heat Transfer Using Liquid Metal and PCM Slurries
1	237	Fatimata	Dia	Bronx Community College/CUNY	Signals in Urban Soil
1	92	Annika	Diaz	The Ohio State University	Prevalence of Porcine RVC in Suckling Piglets and the Influence of Maternal Immunity on RVC Disease
1	139	Rita	Dill	Bowie State Univeristy	High Performance Thin Layer Chromatography Analysis of Phytochemical Profiles of Tropical Medicinal Plant <i>Azadirachta indica</i> Neem
3	413	Caleb	Dillingham	Western Kentucky University	Impact of High Penetration of Solar and Wind Power on the Power Grid: A Probabilistic Analysis
3	219	Jose	Dixon	Morgan State University	Biomedical Image Modality Detection with Transfer Learning Based Deep Feature Extraction and Classification
1	7	Tanesha	Donaldson	Clafin University	Wnt Inhibitor and Diazepam Binding Inhibitor Effects in <i>Culex quinquefasciatus</i> Mosquitoes
1	380	Ossie	Douglas	University of South Florida	Computational Fluid dynamics (CFD) Investigation of Air flow and Temperature Distribution in Fabric dDryer
3	130	Jordan	Dreher	Norfolk State University	Egocentric Boundary Cells of the Retrosplenial Cortex
1	52	SaDazia	Driffin	Clafin University	Effect of D-Limonene on Developing Human Neurons
1	381	Justin	Drummond	Howard Univeristy	Earthquake Vulnerability Assessment of UPAEP's D Building and SAVER Accelerometer Comparison
2	246	Bobbi	Dunton	Virginia State University	Are Bacteria Persistent in <i>Manduca sexta</i> Caterpillar Digestive Systems?
3	307	Madison	Ebersole	The Pennsylvania State University	Effects of Au Seeds on Site Specific Growth of 2D WS2
2	247	Felicia	Ebot-ojong	The University of Goergia	Nematode Parasite Reduces the Fight or Flight Eaction in its Host
2	323	Tracy	Edwards	Hampton University	A Natural Language Processing Tool to Automatically Categorize Radiation Exposure Data from Computed Tomography Examinations
1	382	Ayoub	El Fandalaoui	University of Central Florida	3D Designed and Printed Part For a Motorcycle
3	131	Kimberlyn	Ellis	Spelman College	Developing a Neonatal Rat Model of Airway Hyperreactivity Associated with Bronchopulmonary Dysplasia (BPD)
4	334	Aaliyah	Emery	Dillard University	Jet Formation in Water
1	93	Rupert	England	Alabama A&M University	The Isolation and Identification of Fungal Communities in Indoor Environments

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3	220	Christopher	Feltner	University of Central Florida	A Smart Walker for the Visually Impaired
3	132	Joana	Fernandez	Williams College	The Effects of Acute Aerobic Exercise on Cognition and Mood in Young Adults
1	94	Shanice	Fezeu Meyou	Benedict College	An Oral Immunization Strategy Maintains Infant Intestinal Barrier Integrity Despite SIV Infection
1	172	Lashunda	Fletcher	Xavier University of Louisiana	Synthesis of Novel Iron Oxide Nanoparticle Stabilizing Agent
4	409	Sujeily P.	Fonseca-Gonzalez	University of Puerto Rico, Mayaguez Campus	Educational Nanotechnology Videogame for Middle and High School Students
3	308	Alicia	Fontenot	Texas Southern University	Effects of Cu/In molar ratio to Properties of CIS/ZnS QDs
2	53	Tiffany	Francis	Grambling State University, LA	Endoplasmic Reticulum Stress in Cardiovascular Health Disparities
1	314	Yesenia	Franqui Bernard	University of Puerto Rico, Mayaguez Campus	Experimental Design and Characterization of Concrete Mixtures Using Recycled Plastic, Fly Ash, and Silica Nanoparticles
1	173	Antonio	Fratelli	University of Puerto Rico at Cayey	Dendritic and Fractal Growth Regimes in the Electrodeposition of Mg
2	318	Angelina	Gallego	Hampton University	Analysis of Wind and Clouds on Jupiter using the Cassini ISS Visible and Near-Infrared Camera Images
2	257	Juan	Garcia	The City College of New York	Building Integrated Photovoltaic Panels to Reduce and Meet the Cooling Load for Tropical-coastal Cities
3	414	Yonatal	Garcia	Garden City Community College	Graphene based Transparent and Flexible Conducting Electrodes
3	357	Brealyn	Garrison	Virginia State University	Redefining College Classroom Behaviors that are Predictive of Academic Performance
3	415	Jordan	Gatson	Norfolk State University	Optimization of ferroelectric thin-film by Pulsed Laser Deposition Technique for Energy Storage Applications
1	371	Eva	Gatune	Xavier University of Louisiana	Investigating Protease Regulation In Macrophages Using mRNA Transfection
1	383	Jasmine	Gay	Florida State University	Characteristics of Dual Nozzle Printed 3D Parts
2	54	Sahle	Gebremichael	Baltimore City Community College	Improving Algal Growth for Biofuel Production by Overexpressing Carbonic Anhydrase 1 (CAH1) Gene in Chlamydomonas Reinhardtii
3	358	Giovaunni	Gee-Miles	Virginia State University	The Effects of Cultural Identity on Academic Efficacy and GPA
1	384	Takele	Gemeda	University of the District of Columbia	Design and Test of a Direct-Metal-Laser-Sintering (DMLS) Manufactured Heat Exchanger for Efficient Geothermal System
1	140	Gabrielle Genderen	Genderen	Fort Valley State University	Development of Cell Culture Methods for High Frequency Plant Regeneration in Moringa oleifera
1	95	Emily	Gibson	Seward County Community College	Engineering a Legionella pneumophila Effector Protein for Exogenous Delivery into Macrophages
2	209	Samantha	Gibson	University of Arkansas at Pine Bluff, AR	Adsorption of Catechol and Hydroquinone on the surface of TiO2
3	359	Nasiru	Gill	Prince Georges Community College	Examining the Relationship Between Nicotine Dependence and Negative Self-Perceived Quality of Life
4	375	Jamal	Gilmore	Howard University	Aqueous Copper Adsorption by Activated Carbon via Neem Oil Cake
2	55	Victor	Gipson II	University of Georgia	Radial Nerve Cord Regeneration in the Sea Cucumber Sclerodactyla briareus
4	286	Myrna	Girald Perez	University of Puerto Rico - Aguadilla Campus	Effect of Seiche-Induced Activity on the Oxidation Rate of Sulfides in Riparian Soils

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1	121	Mhired	Girma	Alabama A&M University	The Effects of Ocimum-Biosynthesized Silver Nanoparticles on the Growth rate of human Pathogenic bacteria
1	436	Jillian	Gloria	Valencia College	Cell Design for Inclusion with IRAS of Thin-Film Aluminosilicate Regolith for Space-Weathering Studies
3	263	Edgar	Gomez	CUNY New York City College of Technology	Geolocation Correction of Satellite Precipitation Estimates Using a Radar-gauge Product
1	141	Deyaneira	Gonzalez	University of Puerto Rico at Humacao	Kalanchoe Plants Traditionally used for the Treatment of Skin Wounds and their Antibacterial Activity
4	335	Ricardo	Gonzalez	University of Puerto Rico, Mayaguez	Fluka Simulation of sFLASH Experiment
1	27	Chartaveoua	Graggs	Jarvis Christian College	The Potential of the Crude Extract of Ginger on MCF-7 Human Breast Cancer Cells
3	297	Kevin	Granger	Texas Southern University	The Art of ZPN
3	298	Tione	Grant	University of the Virgin Islands	Comparing Uniform and Chebyshev Interpolants for Extrapolation
1	28	Jalynn	Gray	North Carolina A&T State University	Differential Expression of Human Cytomegalovirus MicroRNAs in Triple-Negative Breast Cancer Tumors
1	29	DeQuaysha	Greene	Jarvis Christian College	The Apoptotic Study if Synthesized Silver Nanoparticles on Human Lymphoblastoid TK6 Cells
2	408	Mario	Greene	Lawson State Community College	Navigation of an UAV Using a Created Map and Physical Markers
1	385	Mason	Gregory	NMSU Las Cruces	Tensile Strength using Rapid Prototyping vs. Injection Molding
4	345	Yarilynn	Guadalupe	University of the Virgin Islands	Mathematical Learning and the Language of Instructions in the Virgin Islands
1	174	Rachel	Guest	Central State University	Inhibition of Escherichia coli Activities by Carboxylic Acid Bivalent Metal Complexes
4	78	Kim	Ha	University of Washington	Role of 5' UTR MYH3 Variant in Distal Arthrogryposis
3	416	Austin	Hahn	San Antonio College	Optimization of a Prototype Hydrogen Fuel Cell Vehicle Electrical Subsystem
1	96	Alexis	Hamm	Northeastern Illinois University	Essential Oils and Their Components as Inhibitors Against Multidrug Resistant Pseudomonas Aeruginosa
1	8	Taylor	Hammonds	University of Arkansas at Pine Bluff	Racial Differences in Biomarkers of Tobacco-Related Exposure among Smokers
2	319	Harmonie	Hanley	University of the Virgin Islands	Our Falling Sky: Tracking Space Junk
4	215	Camille	Harris	University of California Berkeley	Comparison of Fairness Measurement Tools for Machine Learning Algorithms
4	324	Farrah	Harris	Fisk University	An Introductory Physics Experiment to Measure the Moment of Inertia of the Human Forearm
1	142	Benicia	Harrison	Alabama Agricultural and Mechanical University	Comparative Study of the Antimicrobial Ability of Withania somnifera and Moringa oleifera Extracts
1	175	Matthew	Harrison	St. Philip's College	Biofuel Production over Metal-Organic Framework Catalysts
2	211	Corneisja	Harrison	Dillard University	Remediation of Ca, Cu, & Zn using Charcoal, Carbonate, and Phosphate substrates
3	417	Tamunoenefaa	Harry	Tuskegee University	Experimental Magnetic Mapping of CubeSat Attitude Actuator Representations in a Helmholtz Cage Coil for the Development of Magnetically Clean CubeSats
3	309	Wagneci	Hawley	Norfolk State University	Ultra-Fast Synthesis of Quantum dots using Microwave Technique
1	9	Bria	Haynes	University of Arkansas at Pine Bluff	Effect of Increased Arginine on CYT-19 C-Terminal Tail in Steady-State Conditions

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1	315	Sydnei	Head	Tuskegee University	The Effects of Carbon Derived from Coconut Shell Powder in PBAT/PLA Composites
4	282	Nikole	Hernandez	Texas Southern University	Pre and Post Harvey, Chemical, and Cytotoxicity Analysis of Soil and Water Samples Collected from White Oak Bayou
3	418	Stephanie	Hernandez	Valencia College	Finding Balance: PID Control for a Self Balancing Robot
2	56	Edmaritz	Hernández Pagán	University of Puerto Rico at Cayey	Molecular Phylogenetic Analyses of PCR Amplified Genomic Regions from Plants
3	274	Paige	Hodges	Howard University	Bringing Clarity to Artemisia L. by Categorizing Moroccan Species Into the Genus' Subgenera
3	275	Shakina	Hogan	Alabama A&M University	Low Temperature Plasma Treatment of Bell Pepper Seeds to Disinfect and Enhance Seed Germination
3	210	Thaddeus	Holiday	Clafin University	The Analysis of In-Patient Procedures in in Older Patients with Dementia in South Carolina
4	325	Andrew	Howe	Norfolk State University	Thin Multilayer Films for Thermoelectric Materials using a Superlattice of Bismuth Telluride and Tungsten Sulfide
2	386	Kevin	Huang	University of Puerto Rico-Mayaguez	Enhancing the Capability-to-Affordability Ratio of a 3D Printer: Towards a Real Application in Mosquito Control
1	97	Aarin	Huffman	Tuskegee University	Quinoline-based Drugs Interaction with Curcumin against Toxoplasma gondii
4	276	Brandon	Jackson	University Of Maryland Eastern Shore	Comparisons of the Pollination Activity between Honeybees and Wild Bees in Summer Squash Varieties
1	372	Aamna	Jangda	Prairie View A&M University	Antibacterial Coating using Cold Spray System on Titanium Implants
2	75	Jeff	Jaureguy	California State University San Marcos	Large Variations in Throughfall Nitrogen Deposition Over Small Spatial Scales in Southern California Chaparral
3	360	Jazzmyne	Jefferson	Virginia State University	The Ability of Fish Consumption and Sex to Predict Body Mass Index
1	176	Thaddaeus	Johnson	Texas Southern University	Monitoring Pre and Post Harvey Nutrient and Metal Concentrations in Greens Bayou
4	283	Theodore	Johnson	Dillard University	A Four Year Study of Environmental Stress on the Coastline of the Gulf of Mexico post the British Petroleum Oil Spill
2	57	Seraya	Jones	Grambling State University	Fluorescence Turn-On Sensor for Measuring Unfolded Proteins During ER Stress
2	422	Anthony	Jones	Howard University	COMSOL Multiphysics Simulations of Three-Dimensional Transport in a Packed Bed Reactor
3	162	Celena	Josephitis	University of Wisconsin- Stevens Point	Optimizing Hydrogel Conditions Used in Bioadhesive Applications
3	221	Leron	Julian	Morehouse College	Using SMS as an Interface For a Virtual Mentoring System
1	30	Srishti	Kala	Clafin University	RAD52 inhibitor for Personalized Cancer Therapy in BRCA1/2 Negative Tumor Cells
3	361	Rufina	Kamaletdinova	CUNY Hunter College	Comorbidity of Depression and Drug Addiction: A Mouse Model Testing Effects of Depression-Like Symptoms on Reactions to a Novel Drug (Cocaine)
4	346	Kiana	Kasmaii	Florida International University	Video Introductions from Authors Can Aid Non-science Majors in Understanding Primary Scientific Literature
2	163	Navdeep	Kaur	California State University, Bakersfield	Proliferative Effects of Beer and Hops Samples and its Anti-Cancer Characteristics
1	177	Jamiya	Kirkland	Howard University	Molecular Docking Studies on Anticonvulsant Enaminones Inhibiting Voltage-Gated Sodium Channels
2	178	Marnie	Kotlyar	Hunter College	Synthesis of C-glycosides of the immunostimulatory glycolipid KRN7000 from glycosyl borinate precursors

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1	98	Lauren	Kunselman	University of South Carolina	Suppression of Host Cell Autophagy and Translation by Legionella pneumophila
2	58	Valeria	Laboy	University of Puerto Rico at Cayey	Biochemical Investigation of Protein-protein Interactions between Multiprotein Bridging Factor 1 and Lux
1	238	mohamed	layachi	City College of New York	Catchment-scale Storm Orientations and Rainfall Patterns in the Missouri River Basin
4	376	Edgard	Lebron	University of Puerto Rico at Mayaguez	Conversion of carbohydrates to α -hydroxy-acids over Lewis acidic Hf-, Sn-, and Zr- beta zeolite catalysts using polar aprotic solvents
4	439	Ellen	Leibowitz	Georgia Institute of Technology	Dual-energy High-energy-resolution Backscattering Monochromator for Studies of Thermal Expansion
2	154	Kyle	Logan	Xavier University of Louisiana	The Computational Study of Urea Synthesis with an Electrochemical Approach in Ionic Liquid
3	264	Darrell	Logan	Virginia State University	Comparison of Classification Operations in the Land Cover Assessment of Virginia State University's Randolph Farm, Petersburg, VA
1	143	Chonique	Long	Prairie View A&M University	Acetic acid, Eucalyptus Oil and Okanin extract as a Viable Organic Herbicide Cocktail
1	31	Mashunda	Longmire	Alabama State University	Targeting MDA-MB 231 Cells for Endosomal Escape using Bacteriophage
2	179	Christian	Loo	California State University, Long Beach	Synthesis of Peptidomimetics as Potential Opioid Analgesics with Reduced Tolerance and Dependence
3	299	Gabriel	Lopez	California State University, San Bernardino	Self Assembling DNA Wheel Graphs
3	310	DeJohn	Louder	Tuskegee University	Nanoindentation and Nanoscratch Investigations of Carboxylic Functionalized Multi-Walled Carbon Nanotubes Epon 862 Composites
2	99	Shona	Machona	Southern University at New Orleans	Generating Antimicrobial Geometric Surfaces Using 3D Printing Technology
2	148	Leanna	Mack	Texas Southern University	Assessing the Cytotoxicity of the Soil and Water Samples from Buffalo Bayou on Human Gut cells
3	362	Yasmonia	Mack	Norfolk State University	Examining the Cybersecurity Awareness of Future Employees: Teaching Sociology Students Cybersecurity
1	442	Pranav	Maddula	Washington University in St.Louis	Computational Assessment of Genetic and Geographic Diversity of Mechanosensitive Ion Channels in Arabidopsis thaliana
4	79	Syeda	Madiha	Clafin University	Effects of Aging on DNMT1 Expression in Daphnia pulex and Daphnia pulicaria
2	100	Marcel	Malena	Albert Einstein College of Medicine	Sulfasalazine Acquisition and Potential Changes in Short Chain Fatty Acid Production from Human Gut Microbiota
3	268	Jasleen	Mander	California State University, Bakersfield	Detection of Coccidioides spp. in Dust Samples of the San Joaquin Valley and the Mojave Desert, California
4	347	Chelsey	Manrique	Florida International University	Worksheets Can Aid Non-science Majors in Understanding Primary Scientific Literature
3	403	Jose	Marquez	Donnelly College	Developing algorithms for possible permutations for MATEC: Metadata Analytical Text Extractor For Scientific PDF Files.
4	336	Charles	Marrder	University of Notre Dame	Simulating Total Flux Reactor Experiments to Support a Four-Neutrino Model
1	144	Raveen	Martin	Alabama Agricultural and Mechanical University	Anti-Microbial Activity of Withania somnifera on Citrobacter freundii and Escherichia coli
4	337	Erika	Martinez	Texas Southern University	Comprehensive Stray Radiation Measurements inside the First Optical Enclosure of 07-ID-A Beamline at NSLS-II

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2	59	Karina	Matos	University of Puerto Rico, Ponce	Early Life Stress Alters the Development and Neuronal Regulation of Nutrient Transport in Porcine Small Intestine
1	32	Demetrius	McAtee	Southern University and A&M College	Phage Display Application for Identifying Chemotherapeutic Treated SW620 Colon Cancer
3	363	Bennett	McAuley	North Carolina Central University	Measuring Quality of Life: A Demographic Analysis of LGBT Americans
2	353	Niambi	McCoy	Norfolk State University	Integrating Cybersecurity in Social Research Methods Teaching : An Empirical Study at Norfolk State University
3	364	Daniel	McCoy	Prince George's Community College	The Relationship Between Smoking Cigarettes and Self-Perception of Physical Health
3	365	Darien	McElwee	Emory University	The Effects of Social, Cultural, & Economic Capital on Helping Behaviors in Nain, Labrador: A Social Network Analysis
3	201	Elvis	McFee	North Carolina Central University	Exploring Stimuli Responsive Polymers Bound to Graphene Oxide
2	155	Caylie	McGlade	Winthrop University	Investigating TamI as a Biocatalyst for Late-stage C-H Functionalization
4	277	Shaveen	McKen	Morgan State University	Virulence Genetics of Erwinia Tracheiphila on the Cucurbit, 'ambrosia' Melon
3	133	Kennede	McLeroy-Charles	University of Arkansas at Pine Bluff	Anti-Methamphetamine Antibody Gene Therapy Prevents Against Some METH-Induced Blood Brain Barrier Dysfunction
3	222	Julian	Medina	University of Colorado at Colorado Springs	Parallel Attention Mechanisms in Neural Machine Translation
2	388	Ankur	Mehra	Texas Southern University	Feasibility of Developing Expert System in Solving Different Types of Civil Engineering Problems
2	398	Luil	Menberu	Delaware State University	Optical Multipass Cell for High Pathlengths for Atmospheric Oxygen and Isotopic Detection
2	248	Naomi	Mercado	University of Puerto Rico - Aguadilla	Evaluation of Avifauna in an Important Coastal Lagoon in Northern Puerto Rico
3	269	Hannah	Merges	Ursinus College	The Prevalence of Vibrio vulnificus in Blue Crabs and Seawater of the Maryland Coastal Bays
3	14	Jamilatumaini	Mezil - Thomas	Virginia State University	The Affect of Broiler Diets on Intestinal Villi Morphology if Broilers are Exposed to Heat Stress
2	101	Makeda	Mills	University of the Virgin Islands	The Blood Traveller: Apicomplexan Blood Parasite of Dusky Damselfish
2	102	Yamil	Miranda	University of Puerto Rico at Aguadilla	The Best Growing Medium for Guánica Salterns Halobacteria
2	103	Monai	Mitchell	Clafin University	Development of Chimera Microbes to Engineer novel Anti-bacterial Agents
3	311	Johnathan	Mitchell	Tuskegee University	Investigation of Cellulose Beads as an Efficient Biodegradable Nutrient Delivery System
1	10	Anisha	Mittal	Fisk University	Structural and Functional Characterization of Acinetobacter baumannii Superoxide Dismutase B
2	60	Ikram	Mohamed	University of Missouri	A Growth Factor that Influences Placental Health in Mice
3	270	Emireth	Monarrez	Seward County Community College	Characterizing the diversity of agrobacteria on the roots of common sunflowers, Helianthus annuus, at Konza Prairie
2	61	Michéla	Mondesir	Virginia Union University	The Relationship between the Inwardly Rectifying Potassium channel (Kir 6.2) and the SLC9A1 in Hippocampal Neurons
2	104	Adiya	Moore	North Carolina A&T State University	The Evolution of Resistance to Essential Metals: Analysis of differential gene expression in Escherichia coli strains exposed to iron

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4	284	KeAndreyia	Morrison	Fort Valley State University	Effects of BDE-47 on Thermotaxis Behavior in <i>Caenorhabditis elegans</i>
2	180	Torrey	Mott	Savannah State University	Synthesis of Chiral Tin (II) and Zinc Catalyst for Asymmetric Hydro carboxylation of Unsaturated Alkenes into Chiral Carboxylic Acids
3	15	Anthony	Muhammad	Atlanta Technical College	Negative Breast Cancer and Why its Study can Advance Current Understanding of Breast Cancer Cell Behavior
2	76	Matthew	Mullins	University of the Virgin Islands	Large Amounts of Detached Algae Increase Juvenile Fish Abundance
2	181	Kardazia	Murry	University of Mississippi	Detection of Specific Drugs in Fingerprints Using LC-MS, ESI-MS, and MALDI/TOF-MS
4	427	Carolina	Navarro	The Pennsylvania State University	Tin Intercalation via Epitaxial Graphene
1	352	Marquis	Nelson	Alabama State University	Reproductive Thanatomicrobiome in European Cadavers
4	278	Chasitee	Newton	University of Arkansas at Pine Bluff	Transient Expression of a Laccase Fusion Protein in Maize Leaves
3	134	Patricia	Ngantcha	Texas Southern University	The Neuroprotective Effects Of ETAS- a supplement from asparagus.
2	105	Uyen	Nguyen	University of Texas at Dallas	The Role of Carbon Metabolism Pathways in Levofloxacin Resistance in <i>Enterococcus faecalis</i>
2	182	Allen	Nguyen	University of Central Arkansas	Titanium Catalyzed Coupling of Triazoles and Alkynes: An Unexpected Synthesis of Halovinyl Sulfides
2	183	Hanh	Nguyen	University of California, San Diego	Toward a General Route to Nanographenes via a [2+2+2] / Cyclodehydrogenation Sequence
4	326	Christian	Nieves	University of Puerto Rico - Mayaguez Campus	Measurement of the Young's modulus of V3O5 thin films
2	156	Chimere	Nnatubeugo	Ball State University	Allosteric Regulation of Glutamate Dehydrogenase 1 by MitoNEET
2	199	Belina	Nseliema	Shaw University	Formation of Fat, Oil, and Grease Deposits in Sewer Systems from Unsaturated Fatty Acids
4	80	Kristin	Nzerue	University of Georgia	The Effect of Miravis on Spore Production of <i>Fusarium Verticilloides</i>
4	440	Ayobami	Ogunmolasuyi	University of Maryland Eastern Shore	Development of a Microgravity Environment Testbed for Validation of CubeSats (METVOC) in Parabolic Flight
2	157	Olanrewaju	Olafuyi	Dillard University	Computation Spectroscopic Analysis of Alpha Amyloids of PSM α 3
2	249	Simone	Oliphant	Florida International University	Seed Dispersal of Apocynaceae Family of Pine Rocklands
2	74	Danielle	Olive	University of the Virgin Islands	Hematological Impacts of Hypoxia on the Clearnose Skate (<i>Raja eglanteria</i>)
2	33	George	Olverson IV	Xavier University of Louisiana	Aptamer-functionalized Hybrid Nanoparticles to Enhance the Delivery of Doxorubicin into Breast Cancer Cells by silencing P-gp
2	62	Yasmine	Oprea	CUNY Hunter College	Investigating the Role of Potassium Ion Flow in Trypanolysis
3	165	Sonia	Ortiz	Laredo College	Implementing HSQC-NMR a New Tool for Directed Evolution of Myoglobin with Kemp Eliminate Properties
2	184	Amber	Osborne	Xavier University of Louisiana	Electrochemical Urea Synthesis in Ionic Liquid: Catalyst or Reagent
4	428	Ramon	Padin Monroig	University of Puerto Rico-Mayaguez Campus	Heat Treatment Optimization of Al-Ce Based Alloys via Differential Thermal Analysis
1	11	Alyssa	Paparella	Sarah Lawrence College	Generation of Photocrosslinking ISG15 Probe to Detect Intracellular Protein Interactions

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3	300	Marqus	Parker	North Carolina A & T State University	Spatial Association Between Origin and Landfall of Hurricanes in the Atlantic Ocean
4	429	Antwan	Parker	University of Alabama	Nanocomposite Foams for Articular Cartilage Scaffolds
2	443	Darian	Parker	University of Kentucky	Development of an algae-based Carbon Capture and Utilization System to Mitigate CO2 Emissions
1	208	Selena	Parrilla	University of the Virgin Islands	Phenolic Content and Antioxidant Capacity in Virgin Islands Plants
2	258	Benjamin	Pascal	City College of New York	Influence of Extreme Weather Disasters on Maize Across the Globe during the Last Several Decades
2	34	Aliyah	Patterson	University of the District of Columbia, Washington D.C	Recurrent Alterations of the Tenascin C (TNC) Gene in Highly Aggressive Neuroendocrine Sub-type of Prostate Cancer
2	63	Nicolai	Pena	University of Arizona	Tsc2 Deficiency in Oxytocin Receptor Neurons Causes Stereotypy and Sexually Dimorphic Social Behavior Impairment
4	287	Malcolm	Peoples	University of Arkansas at Pine Bluff	Understanding the Relationships of Water Quality Parameters for Assessing Agricultural Runoff Water Quality
2	106	Thalia	Perez Birriel	Universidad Metropolitana	Effect of Biomaterials on Murine Epidermal Fibroblast, Dendritic Cells and Keratinocytes for Accelerating Wound Healing
4	279	Evelin	Perez-Flores	The New York City College of Technology	The Dionysus Project: Classifying and Monitoring Vineyards with Satellite Remote Sensing & Image Analysis
3	16	Jamila	Perkins	Syracuse University	Investigating Rigid Network Variables on Overall Mechanical Properties of a Double Network Gel
1	233	Akash	Persaud	CUNY Bronx Community College	Observation of Aerosols and Characterizing Planetary Boundary Layer Using Ceilometers and LIDAR's
2	444	Amber	Peterein	University of Missouri - Columbia	Use of ClariCone Clarifier in Small Community Drinking Water Facilities to Improve Water Quality
2	186	Cyrus	Picou	Nicholls State University	Investigation of Cryoprotectants in Reverse Micelle Model System
3	202	Alexis	Pigg	Dillard University	Synthesis and Characterization of Perovskite Nanocrystals with Modulated Electronic Structures
4	280	Chasity	Polk	Fort Valley State University	The Studies of Maize Nodal Root Growth In Response to Water Deficit
1	316	Joseph	Pollard	Tuskegee University	In Vitro Activity of Curcumin-Piperine Combination against Toxoplasma gondii (RH-YFP) Strain
2	149	Troyionne	Porter	West Chester University	Effect of d-tubocurarine on a nicotine-induced behavior of the planarian Phagocata gracilis
2	187	Markus	Potter	St. Philip's College	Adipic Acid Synthesis from Cyclohexanone and H2O2 over Heteropolycompounds
2	150	Malya	Price	Norfolk State University	The Susceptibility of Aquatic Organisms to Nitrate Pollutants
4	348	Alyssa	Proper	Western Michigan University	Passing as White: Hispanic Graduate Students' Experiences, Benefits, and Challenges
4	285	Alexcia	Pugh	Dillard University	Temporal Changes in Arsenic Levels in Soil and Sediment in DULAC: A Ten Year Investigation
2	107	Manuel	Quinones Perez	University of Puerto Rico Mayaguez	Encapsulation and Quantification of CpG in non-cationic Liposomes with Tailored Epitope Densities
1	12	Natasha	Ram	University of South Florida	Protein-Polymer Bioconjugation Effects on Activity and Stability of Cellulase (FnCel5a) with Varying Molecular Weights of Polymer Chains

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2	108	Ahmari	Rawls	Alabama A&M University	Extraction of Bio Active Substances from Moringa oleifera and Their Effects on Microbes
3	404	Leslie	Recendiz	Valencia College	The Intersection Between Indoor Agriculture and Artificial Intelligence
2	64	Morgan	Reese	Clafin University	Effects of Diethyl Phthalate on Human Developing Neurons
4	81	Lauren	Reich	University of Delaware	Demystifying Human Hematopoietic Stem Cell Development Via Bi-Allelic Knockout of Adenylate Kinase 2
2	109	Leah	Reid	Spelman College	Analyzing the Genetic basis of Scale Morphology Between Cochliopodium minus & C. pentatrifurcatum Using Gene Expression Data
3	135	Jocelyn	Ricard	University of Minnesota Twin Cities, Minneapolis, MN	Pathologic TDP-43 in Centenarians of The Nun Study
2	389	Orisamola	Richardson	Southern University and A&M College	Effects of Varying Processing Parameters on the Thermo-Physical Properties of Aluminum and 316L Stainless Steel
2	188	Hunter	Richman	Indiana University South Bend	Understanding the Kinetics and Thermodynamics of Post-synthetic Ligand Exchange in Cu(II) Metal-organic Cages
2	390	Jacob	Rico-Martinez	Garden City Community College	Factory Machinery 3-D Modeling
2	250	Diana	Rios	California State University of Bakersfield	Biochemical Traits of Bracken Fern Linked to Extended Consequences of Variation in these Traits
3	225	James	Roberts	Winston-Salem State University	Data Science for Understanding and Assessing Spatial Justice
2	158	Kyra	Robinson	Fisk University	Identifying the Molecular Mechanisms of Antibiotic Resistance in Acinetobacter Baumanni
2	159	Astrid	Rodriguez	University of Puerto Rico, Rio Piedras Campus	Analysis of the Bioactivity of the Phenoloxidase Enzyme by UV-Vis Technique in the Coral Acropora Millepora
2	189	Alexa M.	Rodriguez Ramirez	Norfolk State University	Quantum Dot Synthesis for Solar cell Devices
4	226	David	Rodriguez-Romero	Winston-Salem State University	Using Sentiment of News Articles to Predict Stock Price Performance
3	366	Liquitha	Rogers	Norfolk State University	Examining Experiential Learning Outcomes: Cybersecurity Content in Social Problems Classes
2	65	Carlan	Romney	University of the Virgin Islands	Using CRISPR to Analyze Regulatory Functions of Protein Phosphatase 2A in Arabidopsis thaliana
4	430	Patrick	Rondomanski	Pennsylvania State University	Synthesis of Thin Film Tin Dichalcogenides by Powder Vaporization
4	338	Maurice	Roots	Hampton University	LIDAR Signal Simulation and Study
4	431	Monique	Ross	Virginia State University	Microscopy Study in Additive Manufacturing
2	160	Leah	Rowe	University of Arkansas at Pine Bluff	Effects of Isoleuglandin, a Highly Reactive Lipid dicarbonyl, on Modifying Apolipoprotein A-I and Phosphatidylethanolamine in Synthetic High-density Lipoprotein
3	301	Sekou	Rowe	Howard University	Numerical Method for Solving the Far Field Refractor Problem
2	161	Yasmin	Roye	University of Maryland Eastern Shore	UV-Vis Analysis of Interaction of Adenine and Vitamin B6
2	391	Fermin	Ruiz Crespo	Alabama A&M University	Impact of Climate Change Scenarios on Reliability of Highway Pavements
2	110	Evelyn	Sadler	Central State University	Antibacterial Evaluation of Pomegranate Peel, Punica Granatum L., Extracts

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2	392	Andrea	Salame	Texas Southern University	Deformable Submarine Landslide Experiment for Tsunami
2	423	Irene	Salazar	University of the Incarnate Word	Sonar Imaging in an Unmanned Underwater Vehicle
2	190	Austin	Sampson	Howard University	Molecular Docking on Natural Herbal Compound Binding to lactatedehydrogenase
2	320	Kiyomi	Sanders	Kapiolani Community College	Survey of the Density Profile of Galaxies Around Supermassive Black Holes using HEASARC Data
2	35	Joseph	Sanford	Lawson State Community College	Comparing the Cellular Localization of Zic2 when fused with GFP on the N- and C- Termini
2	399	Angel Noel	Santiago Colon	University of Puerto Rico- Mayaguez	Exploring Stereoselectivity in the Hydrogenation of Bio Renewable Cyrene
3	111	Kevin	Santiago-Morales	University of Puerto Rico at Mayaguez	Analysis of Tetracycline Resistance Genes in Caraculus marginella Gut Metagenomic Library
2	252	Nina	Scott	University of the Virgin Islands	Characteristics of Mantis Shrimp Telson Armor
2	393	Brenna	Scott	Lincoln University of Missouri	Research on 3D Scanning for Remanufacturing Automation Using Additive Manufacturing
4	432	Alexis	Scott	Alabama State University	Developing Artificial Scaffolds for Growing Plant Cells
3	266	Kenneth	Serrano	University of Puerto Rico, Mayaguez, PR	Synthesis and Characterization of a Biocide Composite Made of Chitosan Matrix and Titanium Dioxide
3	112	Esther	Sey	Texas Southern University	Analyzing Water Quality Characteristics of Hunting Bayou and Microbial Content in Brays Bayou of Harris County, Texas
3	312	Deeksha	Sharma	Pennsylvania State University	Gallium Intercalated Graphene Contacts to MoS2
2	36	Justin	Sharp	Jarvis Christian College, Hawkins, Texas	Study the Effects of UV-radiation on Human Lymphoblastoid Tk6 cells Morphology
3	136	Terrell	Shields	University of New Orleans	Whole Cell Membrane Proteomics of Rat Liver to Determine Cytochrome P450 Cellular Distribution and Lipid domain Localization
2	66	Brent	Shigano	University of Hawaii at Manoa	Genetic Modification of a Common Murine Hybridoma Fusion Partner P3X63Ag8.653 for Improved Antibody Sequencing
4	349	Ateev	Shirajee	FIU	How Are Tours of Botanical Gardens Enhancing the Student Experience in General Bio 2?
3	113	Jose Orlando	Silva Martinez	University Of Puerto Rico at Cayey	Isolation and Characterization of Marine Bioluminescent Bacteria from Tropical Waters of Puerto Rico
4	433	Kenneth	Silva Reyes	University of Puerto Rico at Mayaguez	Fabrication of a Porous Metal by Selective Dissolution of an Al-Zn Alloy Via Electrochemical Corrosion in NaOH Aqueous Solutions
4	191	Taylor	Simmons	Alabama A&M University	The Synthesis, Spectral and Antimicrobial Studies of Neodymium Tris (O,O'-Dialkyl and Alkylene dithiophosphate) Complexes
1	145	Stephon	Simpson	Mississippi Valley State University	Role of Melatonin in Water Stressed Soybean Plants
1	205	Jermiya	Simpson	Lawson State Community College	The Aging of Samples Using Raman Spectroscopy
2	164	Henna	Singh	California State University, Bakersfield	The Potential Intrinsic Anti-Cancer Properties of Hops in Craft Beer
2	253	Alyssa	Slicko	University of Arkansas at Little Rock	Proportion of Sugar-fed Aedes albopictus Mosquitoes Varies Across Land Use
2	37	Alexa	Smith	Delaware State University	Analysis of Protein-protein Interactions Between the CD44-ICD and RUNX2 by Co-immunoprecipitation

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1	317	Joshua	Smith	Oakwood University	Incorporation of Silver-based Antibiotics in Various polymer-based Nanofibers for Drug Delivery Enhancement
3	351	Mikal	Smith	Harris Stowe State University	Displaying migration with The Geospatial Information Software ArcMap
2	394	Jeffrey	Smith	Elizabeth City State University	A Hybrid Renewable Energy System: Wind and Solar
3	419	Jon-Thomas	Smith	Virginia State University	Fabrication of SOFC Porous Cathode Using 3D Printing
3	17	Nina	Sowah	University of Connecticut	In Vitro Bone Tissue Scaffold Fabrication for Drug Discovery Applications
3	420	Grant	Sowels	Virginia State University	Human Safety Monitoring System for Industry Robot
4	281	Darrell	Sparks	Fort Valley University	Wheat Primary Root Growth Under Soil Water Deficits
1	122	Constance	Staley	Bennett College	Genomics: Antimicrobial Resistance and the Potential Role of Compensatory Mutations
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3	203	Lauren	Stanton	The Pennsylvania State University	Optimization of MoS2 Synthesis by Low Pressure Powder Vapor Deposition
4	82	Annamarie	Steed	University of Washington	Identifying Drivers of Pain Sensory Neuron Synapsing Partners C4da and A08n in Drosophila Melanogaster
4	194	Alexandria	Stewart	University of Texas at San Antonio	Utilizing GC-MS to Identify the Chemical Composition of Essential Oil Pesticides
3	18	Ruthie	Stokes	North Carolina Central University	In Situ Degradation Study of an Injectable Thermoresponsive Hydrogel
4	83	Kevin	Swanson	Harris-Stowe State University	The Role of Midline in Patterning the Adult Compound Eye of Drosophila
2	395	sandae	Tait	University of the District of Columbia	Reliability-based Design of Geosynthetic Reinforced Soil Structures with Probabilistic and Finite Element Methods
3	265	Sena	Tay	Savannah State University	Seasonality of the Gulf Stream current velocity off Cape Hatteras
4	339	Aaron	Taylor	Brookhaven National Laboratory	Measurement of Scatter Radiation in the First Optical Enclosure of O6BM-A Beamline at NSLS-II
1	373	Gina	Taylor	Alabama State University	Tissue-Engineered Vascular Graft with Amniotic Membrane
2	38	Solange	Tchounwou	Univeristy of Missississippi	Vernonia amygdalina Delile Shows Promise for Prostate Cancer Breakthrough in Preclinical Tests
3	115	Kenneth	Terry II	University of New Orleans	To Elucidate the Synthesis Pathway of RvD-6 in Mouse Cornea Stimulated with Pigment Epithelium-derived Factor (PEDF) plus Docosahexaenoic Acid (DHA)
1	239	Cho May	Than	LaGuardia Community College	Analysis of Driving Factors of Global Lakes Surface Temperature Trends
3	116	Tanisha	Thomaas	North Carolina Agricultural and Technical State University	Adaptive Contact Network Epidemiology
3	302	Jessica	Thomas	Southern University at New Orleans	The Application of Data Science to the Analysis of Stocks
4	327	Kevin	Thompson	Dillard University	Thermal Modeling of a Laser Beam Irradiated on a 17-4 PH Stainless Steel Plate
3	117	Jasmine	Thornhill	Oakwood University	The Effect of Nanoparticles on Serratia marcescens Virulence Potential

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2	67	Lensa	Toka	University of Minnesota TC	Neural Connectivity and Brain Mapping of Posteromedial Cortex in Rhesus Macaques
4	228	Tarrylon	Toney	J.F. Drake State	Construction of an Inflation Rheometer for Measuring Behaviors of Plastics
3	19	Coral	Torres	University of Puerto Rico at Mayaguez	Effect of Collagen Matrix Architecture in M2 Polarization for Cardiac Tissue Regeneration
4	195	Arnaldo	Torres	Pontifical Catholic University of Puerto Rico	Synthesis of Hydroquinone and Catechol Analogs for Their Applications in Self-Assembled Monolayers
3	421	Tien	Tran	Elizabeth City State University	Designing 3D Printed Robotic Arm with Educational Applications
3	118	Makayla	Turner	Clafin University	RNA Modifications Affecting Translation Efficiency of Global Regulators
2	396	Alton	Turner	Elizabeth City State University	Application of SODAR in Wind Resource Assessment
2	39	Marlon	Urgelles Camps	Valencia College	Identifying a Tol2-based Transgenic Zebrafish Line
1	240	Makini	Valentine	New York City College of Technology	Analysis of Urban Surface Temperature using Satellite Remote Sensing and in-situ Applications
2	259	Alexander	Vega	Yuba College	Multiple Lake Spatial Comparison of Brown Water Composition in Relation to Depth
3	234	Viveca	Vélez	University of Puerto Rico-Rio Piedras Campus, PR	Genotype Identification of Loss-of-Function Zebrafish Mutants for Environmental Toxicology Screens
3	313	Katrina	Verlinde	The Pennsylvania State University	Confirming Discovery of n=1 Phase Strontium Zirconium Sulfide Ruddlesden-Popper Crystals Via X-Ray Diffraction
3	20	Savon	Vigil	Eastern Connecticut State University	Injectable chorion hydrogels as cell delivery system for Musculoskeletal Regenerative Engineering
1	206	Regine	Vincent	Indiana University Bloomington	Development of Iron Oxide-based Nanoparticle Vaccines for Human Papilloma Virus
3	68	Lam	Vo	University of Tennessee at Knoxville	Functional Study of Chemotaxis Response Regulators and Histidine Kinases of Azospirillum brasilense
2	424	Khaing Hsu	Wai	LaGuardia Community College/ CUNY	Analysis of Freeze and Thaw Dates in High Mountain Asia using Satellite Remote Sensing
3	137	Tanzania	Walker	Fort Valley State University	Morphometric Analysis of Human and Animal Hair Samples Using Comparison Microscopy
3	204	Princess	Walker	Ball State University	Utilizing Dynamic Sulfur Bonds to Modify Polysulfide
3	405	Amy	Walsh	Elizabeth City State University	Space Solar Power and Cyber Security in Modern Spacecraft Operations
3	69	D'Shaunique	Walters	University of the Virgin Islands	Detection of Apicomplexa Infection in Damselfish Blood using Microscopy and PCR
2	321	Kaheem	Walters	University of the Virgin Islands	Locating Hazardous Asteroids with Python Coding and the Virgin Islands Robotic Telescope
4	350	Cynney	Walters	Kennesaw State University	An Investigation of Factors that Influence the Retention of STEM Majors in First-Year Science and Mathematics Courses
3	271	Masuud	Washington	Hampton University	Does the Gut Microbiome of the Deep Sea Red Crab Change when it is Outside of its Environment?
4	441	Kendale	Washington	California State University at San Bernardino	Two-Dimensional Feedback Control and Spatio-temporal Estimation
4	229	Kyanie	Waters	Mississippi Valley State University	Evaluating the Performance of CS Students That Use Learning Mobile Applications

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3	70	Kintress	Watson	The University of Arkansas at Pine Bluff	Characterization of Release of Exosomes and Secretory Proteins by COG complex Deficient Human Cells
3	303	Howard	Weatherspoon	Albany State University	Application of Principle Component Analysis (PCA) based methodology in Characterization of Single Molecule Dynamics
2	254	Jessica	Webb	Jackson State University	Effects of Seed Mix Diversity on the Abundance and Diversity of Pollinators in Restored Prairies
3	71	Julius	Wells	University of Mississippi	Astrocyte and Microglia Morphologic Changes in the Nucleus of the Solitary Tract in a Rat Model of Thoracic Level Spinal Contusion
4	196	Kennedi	Weston	University of Arkansas at Pine Bluff	Use of Biohar for Methylene Blue Removal from Water
4	230	Gary	White II	Grambling State University	Creating Elemental Effects using Particle System in Game Engine
3	119	TyChrisa	Whitmire	Clafin University	Discovering New Antibiotics from Soil Bacteria
3	72	Jalen	Wilcher	Delaware State University	Optimization of a Chip Assay to Assess the WT CD44-ICD Binding to the MMP9 Gene Promoter
2	212	LaTerrian	Wiley	Jarvis Christian College	Distinguishing Human Acute Leukemias Through Gene Expression
3	120	Selena	Williams	North Carolina Agricultural and Technical State University	Phylogenetic Tree Topologies of Influenza Viruses
3	138	Courtney	Williams	Texas Southern Univeristy	The effects of ETAS Supplement on Neurodegeneration in the Brains of Alzheimer Mice [APP]- Implications on Brain Health and Memory
2	255	Justin	Williams	University of Arkansas at Pine Bluff	The Efficacy of Beta-Cyfluthrin and Deltamethrin for Control of Stored Product Insects in Rice Mills
2	260	Shaylin	Williams	University of Mississippi	How Moisture Content Levels and Packing Levels in Soil Affect Crude Oil Spreads
3	367	Azriel	Williams	University of the Virgin Islands	Sex, Ideal and Self Body Perceptions, Depression, and Obesity in United States Virgin Islands' Adolescents
1	147	Chandler	Wilson	University of Arkansas at Pine Bluff	Development of a High Throughput Method to Quantify Chalkiness in Milled Rice
4	328	Jamaya	Wilson	Dillard University	Towards In Situ Monitoring of the Microstructure of Magnesium WE43
4	197	William	Winchester	Xavier University of Louisiana	An Electrochemical Synthesis of Urea in Ionic Liquid Catalytic System with CO2
4	434	Elgin	Woodside	Tuskegee University	Effect of Nanoclay and Graphene Nanoplatelet on the Flexural and Thermo-Mechanical Behavior of Carbon Fiber Composites
4	84	Nia	Worth	Harris Stowe State University	Exploring Agave Phylogenomics with Nanopore MinION Technology
4	231	Amy	Worth	Simmons University	Analysis of Traffic Accidents Using Machine Learning Techniques
4	232	Georgiana	Wright	Alabama Agricultural and Mechanical University	A Novel Approach to Medical Imaging: Machine Learning to Detect Abnormalities in Mammograms
2	322	Shirin	Wyckoff	Kapiolani Community College	Measurements of properties of SiPMs for Photon Detection System for the DUNE Detector
4	340	Julian	Yocum	Central Piedmont Community College	Bremsstrahlung Radiation Produced by Beta Particles Incident on Thick Targets
4	198	James	Zumhagen	Prairie State College	Synthesis, Characterization, and Antimicrobial Activity of Silver Nanoparticles with Amino Acids, Protein, and Glucose
4	329	Jose	Zuniga	California State University San Bernardino	Investigation of Low Temperature Ferroelectric Phase Transitions in Nonlinear Compounds