

Session #	Poster #	First Name	Last Name	Institution	Abstract Title
4	1	Georgina	Aguilar-Portillo	California State University, Northridge	Molecular characterization of nematode genes involved in insect pheromone sensing
4	2	Brittanie	Atkinson	University of Oklahoma Health Sciences Center	GLUT4 Overexpression Protects Against Insulin Resistance Brittanie J. Atkinson, University of Oklahoma Health Sciences
4	3	Bezawit	B Sumner	Jackson State University	Validation of Pancreatic Cancer Targets
4	35	Kailyn	Cage	NASA Goddard Space Flight Center	Designing and Prototyping Equation-Driven Elliptical Mirrors for PIPER Optics
4	4	Antia	Cain	Jackson State University	Comparative Analysis of Genes Encoding Universal Stress Proteins in Lactobacilli Involved in Inhibition of Type 1 Diabetes
4	5	Chino	Cambridge	Alabama State University	Formulation and characterization of a DNA-chitosan based vaccine for C. trachomatis
4	6	Carena	Cezar	Jackson State University	Determining if the GTPase Rab6 Regulates Cargo Transport at the Trans-Side of the Golgi Complex
3	28	Monica	China Diliz	California State University Los Angeles	The effects of larval dispersal behavior on population connectivity in the Caribbean
3	12	Janet	Cowins	Clark Atlanta University	Beta-Cyclodextrin/Beta-Sitosterol Inclusion Complexes: Drug Delivery Vehicles for Anti-tumor Therapeutics
4	7	Shanavia	Crenshaw	Alabama State University	Q β RNA Coliphage Display Nano-tags as a Platform for
3	13	Kristy	Crews	Tuskegee University	Heterogenous Catalysis of C-O bond Cleavage for Cellulose Deconstruction: A Potential Pathway for Ethanol Production
4	39	Kelli	Crosby	Binghamton University	Using Approximate Dynamic Programming Model to Optimize Open Access Scheduling System Based Off Clinical Characteristics
4	31	Lionel	Cross	Clark Atlanta University	Dispersion and Delamination of Graphite by High Torque Melt Mixing with Phenylethynyl Terminated Imide Resins
4	40	Wesley	Cuadrado	University of Puerto Rico - Mayaguez	Percolation in sintered recycled glass designed for polluted soil filtering
4	32	Attilah	Edges	Jackson State University	Synthesis and Attachment of Different Aspect Ratio Gold Nanorods onto SWCNTs
4	33	Sha'La	Fletcher	Norfolk State University	Mechanical Properties of Multilayer UltraThin Films of BTO/LSMO on STO and LAO

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3	14	Noel	Gardner	Jackson State University	Theoretical Calculations of the Ionization Potentials and Electron Affinities of the Tautomers and Methyl Derivatives of Adenine and Thymine and Adenine-Thymine
3	15	Tiffany	Gurley	Texas Southern University	The Effects of a Systematic Study of Chitosan Immobilization Matrices and Its Enzyme Stability
4	41	Chelse	Hoover	Texas Southern University	The Analysis of Vehicle Specific Power Characteristics in the Houston- Galveston- Brazoria Area
4	42	Jing	Jia	Texas Southern University	A prototype of an advanced traffic warning system in safety improvement and emission reduction
3	23	Amber	Johnson	Jackson State University	Multi-touch: An Errant Input Deterrent Framework
3	16	Martha	Johnson	Jackson State University	Evaluation of Particle Morphology on Toxicity of Titanium Dioxide Nanoparticles (TiO ₂ NPs) on Artemia Salina
4	30	Marvin	Jones	North Carolina A&T State University	Numerical Methods in Quantum Mechanics: Analysis of Numerical Schemes on Schrödinger Wave Problems
4	43	Ziyue	Li	Texas Southern University	Using Driving Simulator for Vehicle Specific Power (VSP) Simulation in Vehicle Emission Analyses - A Feasibility Study
3	24	Emanuel	Lin	University of California, Los Angeles (UCLA)	Crowd Sourced Wheel Map for the Physically Disabled
4	8	Lauren	Lindsey	Tuskegee University	Tumor Targeting using Peptides in Vitro on Cancer Cell lines
3	17	Laurisa	Lonfon	Clark Atlanta University	Functional Nanofibers: Novel Material for Nanobiosensors and Photonics
3	18	Stephan	Mathis	Clark Atlanta University	Hydrolysis of Sucrose by Ammonia Functionalized Nanoporous Materials
4	9	Ariane	Mbemi	Jackson State University	Lead Nitrate-Mediated Cell Death via Caspase-3 in Human Leukemia (HL-60) Cells
1	37	Joi-Lynn	Mondisa	Purdue University	Differences in the Perceptions of Social Community by Female Undergraduate Engineering and Female Graduate Engineering Students
4	44	Victoria	Ndimele	Texas Southern University	Identifying the Advantages and the Possible Problems Using MOVES for Vehicle Emission Estimation.
4	34	Chantel	Nicolas	Clark Atlanta University	Computational Study of the Selective Dispersing of SWNTs by ssDNA

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4	45	Vertonica	Powell	Tuskegee University	Investigation into Thermal Properties of Surface Treated Woven Flax Fibers
3	19	Aisha	Reed	Jackson State University	Silica-TMPyP for Photodynamic therapy
4	46	Jonathan	Reynolds	Tennessee State university	Nano-sensor Construction and Characterization For Detection Of Low Concentrations Of Chemical Vapors
3	25	Michelle	Robinson	Keller Graduate School of Management	Test and Data Orchestration Radio Shielding Integrity for CAT-6 Penetrations
4	10	Pamela	Russell	California State University Los Angeles	C2C12 Cells MyoD Knockdown to identify MyoD function at regulatory motif upstream of Id2
3	20	Tiana	Shaw	Clark Atlanta University	Characterization of Functional Polyaniline to form Metal-Ligand Complexes for Sensors
4	36	Mychal	Thomas	Alabama A&M University	Energy Harvesters and high-k Capacitors using Pyroelectric Nano-Composite Films
3	26	Chenyu	Wang	Texas Southern University	On the Design of Optimal Active/Sleep Scheme for Aggregator Node with Multi-Phase Energy Saving in Wireless Sensor Networks
4	11	Venus	Welch	Tuskegee University	The Impact of Selective High Fat Diets on Thyroid Altered Sprague Dawley Rats
3	21	Willie	Wesley	Jackson State University	CNT/Gold Nanoparticle Hybrid Surface Enhanced Raman Probe for Selective and Ultrasensitive Melamine Detection
1	38	Diarrria	Williams	Jackson State University	An Analysis of the Impact of Visual Analytics on Collaborative Cognitive Inferences of Health Disparities Data
4	47	Yola	Wong K	California State University of Los Angeles	Transport of fertilizer-derived nitrate through unsaturated low conductivity soil
3	22	Shawnta D	Woods	Jackson State University	The Use of Mass Spectrometry in the Analysis of Ancient Cultural Artifacts
3	29	Diana	Zamora-Reyes	University of Arizona	The Importance of Flood Heterogeneity for Regionalization in Arizona