

Poster Session	Poster #	Discipline:	First Name	Last Name	Institution	Abstract Title:
2	GP #38	Nanoscience	Adeyemo	Adetogun	North Carolina Central University	Growth and Optical Properties of Indium Selenide Nanowires
4	GP #45	Physics	Adewale	Akinfaderin	North Carolina Central University	9Be Resonances: Search with Pade Approximants
2	GP #1	Biological Sciences	Merlis	Alvarez Berrios	University of Puerto Rico-Mayaguez Campus	Effect of synergistic potentiation of cisplatin with magnetic fluid hyperthermia (MFH) in Caco-2 cells
4	GP #46	Physics	Todor	Antonijevic	North Carolina Central University	Nano-structures Enhance Optical Absorption Efficiency
2	GP #39	Nanoscience	Sonia	Bailon	University of Puerto Rico at Mayaguez	UV-Enhanced Cytotoxicity of Cu-doped ZnSe@ZnS Quantum Dots in Human Pancreatic Carcinoma Cells
3	GP #53	Social & Behavioral Sciences	Brenda	Barrio	University of North Texas	Distance Learning: Enhancing Awareness of Exceptionalities Across Cultures
1	GP #26	Ecology, Environmental & Earth Sciences	Nadine	Bradley	Florida A&M University	Bacterial Community Structure of Two Freshwater Springs Impacted by Hydrilla
4	GP #47	Physics	Herbert	Brown	Hampton University	Evaluation of Tm doped solids for Laser Cooling Applications
1	GP #23	Computer Sciences & Information Management	Curtis	Cain	Auburn University	Social Networking Teaching Tools: A Computer Supported Collaborative Interactive Learning Environment for K-12
2	GP #40	Nanoscience	Jabari	Calliste	Howard University	Separation of Nanocrystalline Cellulose at Low Concentrations in Water
1	GP #59	Technology & Engineering	Brice	Cannon	University of Maryland, Baltimore County	Characterization of semiconductor optical waveguides
1	GP #27	Ecology, Environmental & Earth Sciences	Daisy	Cantu	Texas A&M University-Kingsville	An Event-Driven constructed wetland Model to treat stormwater in the Arroyo Colorado River Watershed, TX
4	GP #48	Physics	Daniel	Casimir	Howard University	Nanobubbles on Hydrophobic Substrates: A Molecular Dynamics Study
1	GP #28	Ecology, Environmental & Earth Sciences	Natalie	Dastas	Brooklyn College	Palynomorphs of the Clayton Formation, Southeastern Missouri, as an Indication of Time Through the K/T Mass Extinction Event
1	GP #11	Chemistry & Chemical Sciences	Brittany	Davis	University of Maryland Baltimore County	Molecular Dynamics of the RNA-dependent RNA Polymerase of HCV

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4	GP #49	Physics	Bernice	Gakpo	North Carolina Central University	Development of Gas Electron Multiplier (GEM) Detectors
1	GP #24	Computer Sciences & Information Management	Irbis	Gallegos	The University of Texas at El Paso	Capturing expert knowledge about scientific data assessment processes using cyberinfrastructure.
2	GP #41	Nanoscience	Darlene	Galloza	University of Puerto Rico at Mayaguez	Study of Supported Ruthenium Catalysts for the Conversion of Cellulose to Sugar Alcohols
2	GP #12	Chemistry & Chemical Sciences	April	Gillens	Los Alamos National Laboratory	Nuclear Forensics: Isotopic Signatures of Nuclear Reprocessing Solvents
1	GP #29	Ecology, Environmental & Earth Sciences	Lisa	Hannon	University of Washington	Effects of proximity to forest fragments on hymenoptera diversity and yield in a Costa Rican coffee agro-ecosystem
2	GP #2	Biological Sciences	Antoneicka	Harris	Jackson State University	Assessment of bacterial effector proteins for prevention and treatment of colitis
4	GP #50	Physics	Ochije	Henry	North Carolina Central University	Light in Subwavelength-hole Array
1	GP #60	Technology & Engineering	Eric	Hollman	Jackson State University	Cured-In-Place Pipe
1	GP #13	Chemistry & Chemical Sciences	Jillian	Jackson	Jackson State University	The synthesis of spiro-isoxazolines via intramolecular cyclization
1	GP #30	Ecology, Environmental & Earth Sciences	Viniece	Jennings	Florida Agricultural and Mechanical University	Urban ecology and human health: the connection through urban tree cover
2	GP #3	Biological Sciences	Anthony	Johnson	Wiley College	The Use of Topical Estrogen to Prevent HIV Infection in Men
2	GP #4	Biological Sciences	Erica	Jones-Foster	Howard University	Identification and Characterization of Randomly Generated ClpX Mutants with Altered SsrA Recognition
1	GP #61	Technology & Engineering	Natasha	Joseph	University of Maryland, Baltimore County	Effect of Excess BaSO ₄ on Mechanical Properties of PMMA in Treatment of VCF
4	GP #51	Physics	Ayodeji	Kuponiyi	North Carolina Central University	Semiconductor Optical Amplifier for Wavelength Conversion
3	GP #54	Social & Behavioral Sciences	Yi-Ching	Lin	Virginia State University	Family Factors and Cognitive Skill Gains in African American High School Students

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2	GP #5	Biological Sciences	Asona	Lui	Chicago State University	Acute-phase Serum Amyloid A Causes Th1 Differentiation in Murine CD4+ T Lymphocytes
1	GP #62	Technology & Engineering	Mike	Majedi	University of New Mexico	Design and implementation of test-bed for path planning and formation control of cooperative robotic agents.
2	GP #14	Chemistry & Chemical Sciences	Noel	Matthews-Gardner	Jackson State University	Theoretical Calculations of the Ionization Potentials and Electron Affinities of Guanine and Methyl Derivatives
1	GP #15	Chemistry & Chemical Sciences	DeLauren	McCauley	North Carolina Central University	Combined effects of 17 β -estradiol and estrogenic activity in local surface water on the gene expression of estrogen and dopamine receptor sub-types
2	GP #42	Nanoscience	Felicia	McClary	Howard University	A Mole Ratio Investigation of Ag Nanoparticles with an Enhanced Plasmon Resonance
2	GP #6	Biological Sciences	Khrystal	McGrant	North Carolina Agricultural & Technical State University	Identification of a Second Putative Receptor for Infectious Pancreatic Necrosis Virus.
1	GP #31	Ecology, Environmental & Earth Sciences	Stephanie	Mendes	University of California Santa Barbara	Natural Gases Released from the BP Deepwater Horizon Oil Spill: A Source of Food for Marine Bacteria
3	GP #55	Social & Behavioral Sciences	Sarah	Mennenga	Arizona State University	The cognitive effects of CEE depend on whether menopause etiology is transitional or surgical
2	GP #43	Nanoscience	Mandy	Mitchell	Howard University	Ag Nanoparticle Inhibition Of E.coli Growth In Aquatic Media
1	GP #33	Mathematics & Statistics	Romarie	Morales	Arizona State University	Influenza vaccination strategies when supply is limited
1	GP #34	Mathematics & Statistics	Emmanuel	Morales-Butler	Arizona State University	Transmissibility of H5N1 avian influenza in Nigeria: The 2006 epidemic
1	GP #35	Mathematics & Statistics	Anarina	Murillo	Arizona State University	A Cable Equation Model for the Effects of Tissue Deformation on Transmission of Electrical Signals in Single Nerve Cells
2	GP #44	Nanoscience	Roberto	Olayo-Valles	University of Puerto Rico at Mayaguez	Synthesis of polymer coated magnetic nanoparticles for delivery of hydrophobic drugs.
1	GP #36	Mathematics & Statistics	Dustin	Padilla	Arizona State University	Immigration Laws and Immigrant Health: Modeling the Spread of Tuberculosis in Arizona
3	GP #56	Social & Behavioral Sciences	Jamie	Parker	Lehman College	How does a monogamous male mammal form a memory of his mate? A neurocognitive study in prairie voles?

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2	GP #16	Chemistry & Chemical Sciences	Sandra	Pena	University of Puerto Rico-Mayaguez	Enhancement of Singlet Oxygen (SO)Formation from Photosensitizers As A Function of the Potency of Different Light Sources
3	GP #57	Social & Behavioral Sciences	Sita	Periathiruvadi	University of North Texas	Avatars in Virtual Classroom for Training Teachers - Comparing real kids with their virtual avatars
1	GP #17	Chemistry & Chemical Sciences	Kennett	Rivero	University of Puerto Rico	Iron-Oxo Pyrazolato Clusters Containing a Redox-Active Fe4O4 Cubane Core
2	GP #18	Chemistry & Chemical Sciences	Selisa	Rollins	Arizona State University	Detection and Analysis of Ambient Ozone Concentrations Using Passive Sampling Method
1	GP #19	Chemistry & Chemical Sciences	Emmanuella	Rony	Florida A&M University	The Threat of Biofuels to Food Security: A Case Study of Ghana
1	GP #37	Mathematics & Statistics	Ashley	Sanders	Jackson State University	The Immersed Boundary/Interface Method for the 1-D Poisson Equation
2	GP #20	Chemistry & Chemical Sciences	Nakesha	Smith	University at Albany	Biophysical Characterization of a Transcriptional Control PreQ1 Riboswitch from B. Subtilis
1	GP #63	Technology & Engineering	Teresa	Sosa	University of Texas at El Paso	Development of a Land Use Regression Model to Predict Nitrogen Dioxide Concentrations
1	GP #21	Chemistry & Chemical Sciences	Crystal	Spinks	Howard University	Screening of tenofovir liposomal formulations for the treatment of HIV/AIDS using a Plackett-Burman Design
4	GP #52	Physics	Leon	Taleh	Delaware State University	Detection of protein in solution using Laser Induced Breakdown Spectroscopy
2	GP #22	Chemistry & Chemical Sciences	Patrina	Thompson Harris	Jackson State University	Understanding Basic Genetic Diseases from Computer Based Methods
2	GP #7	Biological Sciences	Yusuf	Tufail	Arizona State University	Stimulation of intact brain circuits in awake behaving mice with transcranial pulsed ultrasound.
2	GP #8	Biological Sciences	David	Weese	Auburn University	Uncovering hidden diversity in a unique island ecosystem: Phylogeography and conservation of anchialine shrimp in the Pacific Basin
1	GP #25	Computer Sciences & Information Management	Brian	White, Jr.	University of Maryland, Baltimore County	Real-Time Detection of Stepping-Stones Using Neural Networks
2	GP #9	Biological Sciences	Baraka	Williams	Jackson State University	Functional Anotation Analytics of Universal Stress Proteins in Bacillus Genomes

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3	GP #58	Social & Behavioral Sciences	Mycah	Wilson	University of Maryland Baltimore County	Exploration of underrepresented minority engineering student engagement
2	GP #10	Biological Sciences	Alexandria	Wise	City University of New York	Altered habituation and synaptic properties in <i>Drosophila</i> AKAP (rugose) mutants.
1	GP #32	Ecology, Environmental & Earth Sciences	Shanterial	Young	Florida A&M University	Prevalence of indicator bacteria and <i>Bdellovibrio</i> and like organisms (BALOs) in a polluted Florida municipal stream