

Oral Session	OA#	Discipline:	First Name	Last Name	Institution	Abstract Title:
2A	1	Biological Sciences	Nicola	Abdul	University of the District of Columbia	TMPRSS2- Ets Related Gene Fusions in Mouse Models for Prostate Cancer
2B	2	Biological Sciences	Jessica	Abercrombie	Clafin University	Characterization of Tissue-Specific Activities of Three Plant Promoters
2	87	Nanoscience	Brandi	Adams	Southern University at New Orleans	Electrostatic Trapping of Au Nanoparticles for the Development of a Chemiresistor Sensor Array
2	63	Ecology, Environmental & Earth Sciences	Kenyeda	Adams	Spelman College	Male genetic background influences female lifespan and offspring production in red flour beetles
2	88	Nanoscience	Tasha	Adams	Norfolk State University	Effects of Catalyst Components on Carbon Nanotubes Grown by Chemical Vapor Deposition
1	95	Social & Behavioral Sciences	Zainab	Afzal	University of the District of Columbia	Patient Education and Informed Decision Making in Prostate Cancer Treatment
2B	3	Biological Sciences	Chiamaka	Agbasionwe	University at Buffalo	'Taste Transduction Mechanisms In A Newly Identified Signaling Pathway.'
2	52	Computer Sciences & Information Management	Carien	Anderson	Mississippi Valley State university	Creating Avatars for a Collaborative Virtual Reality Environment Project
1A	4	Biological Sciences	Sarah	Ballard	Langston University	Visual Communication Signals of Northern Cricket Frogs <i>Acris crepitans blanchardi</i>
1	74	Mathematics & Statistics	Leonardo Jose	Bardomero	University of the Virgin Islands	Triunitary Perfect Numbers
1	96	Social & Behavioral Sciences	Thomas	Benjamin	Morehouse College	Gender Differences and Attitudes Toward Intimate Partner Violence: Does Context Matter?
2	75	Mathematics & Statistics	Crystal	Bennett	North Carolina Agricultural & Technical State University	Winning strategy for Chomp Grid with 0, 1, 2, or 3 pieces in the 3rd row.
1	97	Social & Behavioral Sciences	Angelica	Betancourt-Negron	University of Puerto Rico-Rio Piedras	A Comparison of the Societal Impacts and Warning Operations for the 1989 and 2010 Huntsville, Alabama Tornadoes
3B	5	Biological Sciences	Lynda	Biaou	University of the District of Columbia	Localization of Glycogen synthase kinase-3 beta (GSK3 beta) in Planaria
2	64	Ecology, Environmental & Earth Sciences	Justina	Bradley	Langston University	Ionic Liquid Inhibition of Enzymatic Hydrolysis in Microcellulose

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1A	6	Biological Sciences	Nickolas	Bradley	Fort Valley State University	Validation of 454 Sequence Derived Transcription Factors in the Common Bean (<i>Phaseolus vulgaris</i> L.)
2	53	Computer Sciences & Information Management	Brittany	Brown	Virginia State University	Cross-Platform Visualization Display derived from a Collaboration of Databases
2	89	Nanoscience	Gabriel	Burks	Grambling State University	Effects of Polymer Crystallization in Single-Walled Carbon Nanotube/Medium-Density Polyethylene Composites
3B	7	Biological Sciences	Rhondee'	Caldwell	Norfolk State University	Neuroprotective Effects of Resveratrol in SH-SY5Y cells: Implications for Parkinson's Disease
2	38	Chemistry & Chemical Sciences	Andrei	Callejas	University of the District of Columbia	Synthesis and Structure Characterization of Ionic Triphenyltin Complexes with Mercaptoacetic and Mercaptopropionic Acids
2A	8	Biological Sciences	Juliet	Chijioke	University of the District of Columbia	Androgen Receptor Regulates NEDD4-1, an Oncogenic Protein, in Human Prostate Cancer Cells
2B	9	Biological Sciences	LaTisha	Clark	Clafin University	SNP Analysis on Human Cell Line DNA using Real-Time
1	101	Technology & Engineering	Amanda	Clopton	Howard University	Building and Calibrating the NASA Radio JOVE Radio Telescope
1A	39	Chemistry & Chemical Sciences	Rose	Cooper	Langston University	Investigating The Role Of Common Variants In KCNQ1 For Affecting Fasting Glucose Levels And Predicting Future Type II Diabetes
1A	40	Chemistry & Chemical Sciences	Jasmine	Corse	Norfolk State University	Determination of Binding Site and Docking Energies of CDFN Using Computational Studies
2	54	Computer Sciences & Information Management	Yves	Courtois	Grambling State University	Role of Honeypots in Information Security
2	65	Ecology, Environmental & Earth Sciences	Maurice	Crawford	Tougaloo College	Development of Potential Anti-Cancer Agents Targeting Human Estrogen Receptor
2A	10	Biological Sciences	Brandon	Crumsey	Fort Valley State University	Role of microRNAs in Trail-Induced Death in Hepatocellular Carcinoma Cells
2	90	Nanoscience	Melissa	Cruz-Acuna	University of Puerto Rico at Mayaguez	Synthesis of Ni-doped ZnSe@ZnS Quantum dots and Their Cytotoxicity in Human Pancreatic Carcinoma Cells

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2	66	Ecology, Environmental & Earth Sciences	Zuri	Dale	Texas Southern Univeristy	Assessment of Environmental Estrogens in the Galveston Bay Watershed
3B	11	Biological Sciences	Warren	Dean V	Tennessee State University	Exploring the Modulation of L- Aromatic Amino Acid Decarboxylase expression in the striatum of MPTP-PD mouse model
2	76	Mathematics & Statistics	Alexander	DeLeon	Morehouse College	Efficient Catch Share Allocation in Multi-Use Fisheries using LaGrangian Multipliers
1	102	Technology & Engineering	Mercy	Dicuangco	Norfolk State University	Water Droplet Impingement and Evaporation Analysis on Artificially Microstructured Superhydrophobic Surfaces
1	77	Mathematics & Statistics	Charles	Elloie,III	Southern University at New Orleans	Not-So-Perfect Numbers
2	67	Ecology, Environmental & Earth Sciences	Dorcas	Falodun	Southern University at New Orleans	Beyond Folivory: Three Types of Interactions Between Plants and Insects in the Pine Barrens Community of Long Island, New York
2B	12	Biological Sciences	Alania	Foxx	Norfolk State University	Comparing Three Physical-Chemical Characteristics of CS on Cell Growth
1	78	Mathematics & Statistics	Chasity	Fuller	Savannah State University	Fibonacci's Numbers in Action
1	103	Technology & Engineering	Eric	Gamez	Savannah State University	Outreach For Renewable Resources As An Alternative Energy
1B	13	Biological Sciences	Amber	Grace	Tuskegee University	Effects of Jak3 inhibition on follicular T helper cell differentiation
2	91	Nanoscience	Rochester	Gray Jr	Clark Atlanta University	The Comparison of DNA via FRET Spectroscopy
1	98	Social & Behavioral Sciences	Natieka	Green	Shaw University	Differences in the Predictors of Self Rated Health in the Exploring Health Disparities in Integrated Communities Study
2A	14	Biological Sciences	Ashley	Griffin	LeMoyne-Owen College	Mechanism of TNF- α inhibition of Na-glutamine cotransport in enterocytes (IEC-6)
2	79	Mathematics & Statistics	Jamila	Harris	Langston University	Multi-year Comparison of Intimate Partner Violence among Adolescents Youth Risk Behavioral Survey, Texas and the United States, 2001-2007
1B	15	Biological Sciences	Tyra	Hayes	Tougaloo College	Regulation of the Rom2 gene and its role in the Signaling Transduction Pathway in Aspergillus nidulans

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2B	16	Biological Sciences	Kassimier	Haynes	Norfolk State University	The Design and Development of DNA/RNA Hybridized Handles for the in vitro Investigation of a Full Length PreQ1 Riboswitch via Single-molecule Force Spectroscopy
1B	17	Biological Sciences	Jordan	Henley	Tougaloo College	The Role of PkcA in Septum Formation in Aspergillus nidulans
1	104	Technology & Engineering	Sharrod	Hines	Norfolk State University	The Recipe for Learning Math Starting From SCRATCH
1A	41	Chemistry & Chemical Sciences	Taylor	Hood	Alabama Agricultural and Mechanical University	Dietary Modulation of Ascorbic Acid ameliorates Oxidative Stress in Drosophila melanogaster
1A	42	Chemistry & Chemical Sciences	Donyeil	Hoy	Spelman College	Inhibiting proliferation in prostate cancer cells using benzimidazole-based ligands
1	105	Technology & Engineering	William	Humbert, IV	Bowie State University	Design and Analysis of a New Leak-Free Connector
1	99	Social & Behavioral Sciences	Elais	Jackson	Tennessee State University	Using a Network Approach to Search for Trends in Undergraduate Students' Epistemologies of Science
2	68	Ecology, Environmental & Earth Sciences	Shakeela	Jackson	Fort Valley State University	The Role of the Genes hsfA1a/1b
1	100	Social & Behavioral Sciences	Simone	Janniere	Bennett College	Progressive Ratio Choice Procedures for Assessing Effort-Related Decision Making
1	106	Technology & Engineering	Stefan	Jenkins	Florida A&M University	Quartz Crystal Microbalance Investigation of Enzymatic Hydrolysis of Cellulose
1A	18	Biological Sciences	Allison	Jones	Alabama A&M University	Dusky Dolphin (Lagenorhynchus obscurus) Vocalizations: Differences By Group Size and Presence of Other Species
2	80	Mathematics & Statistics	Asya	Jones	Spelman College	A Neuroimaging Investigation into the Functional Connectivity of Major Depression
2	43	Chemistry & Chemical Sciences	Kevin	Julye	Shaw University	Extraction, Isolation and purification of essential oils from tropical medicinal plant leaves and other plant components
2A	19	Biological Sciences	Habib	Kedir	University of the District of Columbia	Gamma-Tocotrienol Modulates mTor Pathway and Induces Autophagy in MDA-MB 231 Breast Cancer Cells
2	107	Technology & Engineering	Jeff	Kesling	Savannah State University	SMART ROD

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1B	20	Biological Sciences	Thuraieh	Khayou	California State University, Stanislaus	Isolation and Identification of Microorganisms from a Wastewater Treatment Plant
2	69	Ecology, Environmental & Earth Sciences	Keeona	Lawrence	Fort Valley State University	Plant Regeneration from Explants and Efficient Agrobacterium Tumefaciens-Mediated Transformation of Alfalfa
2A	21	Biological Sciences	Russell	Ledet	Southern University	Exploring the Gene Networks Associated with the Putative Chemopreventative Plant Kola Acuminata (Bizzy Nut)
1B	22	Biological Sciences	Tiffany	Mackey	Shaw Univeristy	Unidentified Cross-Continental Gram Positive and Gram Negative Soil Bacteria Transported by Shoes from South Africa and Madagascar to the United States May Infect Perishable food
2	70	Ecology, Environmental & Earth Sciences	Herman	Mackey jr	southern university at new orleans	Isolation of Microorganisms from the Pine Barren Soil
2B	23	Biological Sciences	Uchenna	Mbawuike	Syracuse University	Comparative Growth and germination rate analysis of Transgenic Arabidopsis Plants Overexpressing two Arsenic Hyperaccumulating Fern P. vittata ACR3 Genes which exhibit arsenic tolerance
2	55	Computer Sciences & Information Management	Brian	McClanahan	Norfolk State University	The Detrimental Effects of High Cholesterol.
2	56	Computer Sciences & Information Management	Antonio	McMichael	Howard University	The Simulation and Modeling of Delay/Disruption Tolerant Network Routing Protocols Using Public Transportation Systems
2	81	Mathematics & Statistics	Komi	Messan	North Carolina Agricultural and Technical State University	Average time until fixation of a mutant allele in a given population
2	57	Computer Sciences & Information Management	Jazmine	Miller	Spelman College	Artificial Intelligence and Human-Robotic Interaction applications using Humanoid Robotics
2	44	Chemistry & Chemical Sciences	Donnovan	Moss	Grambling State University	Comparison of Silver Lewis Acid and Silver Nanoparticle Promoted 1,3 Dipolar Cycloaddition Reactions in Water
2B	24	Biological Sciences	Sara	Nelson-Owens	Norfolk State University	Characterization of DNA Adsorption to Solid Surfaces
3B	25	Biological Sciences	Duy Stephen	Pham	University of California, Los Angeles	PhuZ, the First Known Bacteriophage Tubulin
2B	26	Biological Sciences	ShaRhonda	Pickett	Langtson University	Improved Modeling of Ligands on a Symmetry Axis
2	108	Technology & Engineering	Andrew	Powell	Howard University	Piezoelectric Energy Harvesting for Naval Applications

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2	109	Technology & Engineering	C Davis	Powell	North Carolina A & T State University	Phase Equilibria Analysis of Biodiesel Fuels using Thermophysical Property-Based Models
2	82	Mathematics & Statistics	Kahntinetta	Pr'Out	Savannah State University	Analyzing the Morphological Structure of a Virtual Polymer Photovoltaic Cell
2	71	Ecology, Environmental & Earth Sciences	Natasha	Robateau	Southern University at New Orleans	Under Story Vegetation Analysis in the Proposed Long Island Solar Farm of Pine Barrens Forest, NY
1A	27	Biological Sciences	Shannon	Roberts	Fort Valley State University	Can Pheromone Traps Prevent Stink Bugs From Moving Into Crops?
2	110	Technology & Engineering	Charles	Robertson	J. F. Drake State Technical College	The 'Lift Me' Project. Investigating 'Embedded System' echnology and 'Mechatronics'
2	45	Chemistry & Chemical Sciences	Tiorra	Ross	Howard University	Hygrothermal Stability Study of Epoxy Nanocomposite
3B	28	Biological Sciences	Katy	Sanon	University of the Virgin Islands	Optimization of Agrobacterium-mediated Genetic Transformation in Valeria (Valeriana officinalis L)
2	111	Technology & Engineering	Canisha	Seymore	Howard University	Characterization and Adsorption Studies of Nano-TiO2 on Porous Medium.
2	58	Computer Sciences & Information Management	Joseph	Shanahan	Auburn University	Project Expression: A Cloud Computing & Multimedia-based Java Course
1A	29	Biological Sciences	Jatayah	Sheed	Fort Valley State University	Activity in trans-Cinnamic Acid, a Putative Bioactive Component of P. luminescens
2	59	Computer Sciences & Information Management	Yasmeen	Shumate	Langston University	Efficient Computer Programming for Ligan Fitting in Crystallography
2	46	Chemistry & Chemical Sciences	Adonay	Sissay	Southern University	Near-IR Reflectance Properties of Type 3 Ordinary Chondrites.
1A	30	Biological Sciences	Jerilynn	St. Cyr	Southern University at New Orleans	Application of Near-Edge X-Ray Absorption Fine Structure Spectroscopy to Detect Nitrogen in Solar Farm Soils of Long Island, New York
2	92	Nanoscience	Shandrea	Stallworth	Fort Valley State University	The Dosage Dependent Effect of KAuCl4 on Pollen Germination of Crotalaria retusa
2	47	Chemistry & Chemical Sciences	Marcus L.	Stephens	Hampton University	TD DFT Study of Furan and Thiophene - Centered Donor- π -Donor and Donor π -Acceptor Dye Band Gaps

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1A	31	Biological Sciences	Whitley	Stewart	Fort Valley State University	Screening Transformants with the Bleomycin Resistance Gene in <i>Chlorella protothecoides</i>
2	93	Physics	Polite	Stewart, Jr.	Southern University A & M College	The Photoluminescence of Etched SiC Nanowires
1A	48	Chemistry & Chemical Sciences	Destinee	Stroud	Texas Southern University	Diruthenium Complexes as a Potential Anticancer Agent
1	83	Mathematics & Statistics	Kenyaita	Taylor-Hodge	Virginia State University	Super central configurations of the three-body problem with the inverse integer power law
1A	32	Biological Sciences	Tseday	Tegegn	University of the District of Columbia	Systematics, Phylogeny and Biodiversity of <i>Wulffia</i> (Compositae: Heliantheae s.s.)
2	60	Computer Sciences & Information Management	Michael	Terrell	Grambling State University	Non-Traditional Strategic Form of a Zero Sum Game Implemented with Software Defined Radio
2	49	Chemistry & Chemical Sciences	Lana	Thomas	Savannah State University	pH Dependence of Metal Phthalocyanine-Human Serum Albumin Interactions
1	84	Mathematics & Statistics	Shayana	Thomas	Savannah State University	Triangular Numbers are Everywhere
2	85	Mathematics & Statistics	Shonquelsa	Thomas	Mississippi Valley State University	Student Achievement in Mississippi Middle Schools as a Function of Student Expenditure and Student/Teacher Ratio
1A	33	Biological Sciences	Milinda	Thompson	California State University Long Beach	Post-Pleistocene Range Expansion in <i>Sceloporus occidentalis</i> in the Great Basin
2	72	Ecology, Environmental & Earth Sciences	Dominique	Townsend	Southern University at New Orleans	Baseline Survey on Biomass Distribution in the Long Island Solar Farm
1	86	Mathematics & Statistics	Jasmine	Turner	Norfolk State University	Using 3D Graphic Software to explain Concepts in Multivariable Calculus
2	61	Computer Sciences & Information Management	Sunil	Tyata	J.F.Drake State Technical College	Developing Integrated Reporting Website to Access Best Practices and Results of a Project.
2	112	Technology & Engineering	Amara	Ukaegbu	University of the District of Columbia	Design and Implementation of a Virtual Web-based Power Measurement Module for a Hybrid Renewable Power System
2	73	Ecology, Environmental & Earth Sciences	Yakia	Voltz	Clafin University	The Analysis and Monitoring of Groundwater in Effort to Maintain a Healthy Environment

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2	62	Computer Sciences & Information Management	Daman	Wandke	Western Washington University	Producing Publications in Accessible PDFs
2	50	Chemistry & Chemical Sciences	Amy	Wat	California State University, Los Angeles	Direct and Competitive Binding Assays On Microfluidic Platforms
3B	34	Biological Sciences	William	Whalen	California State University, Fresno	The Role of Non-Muscle Myosin II in Early Cleavage Development of the Cnidarian Nematostella Vectensis
3B	35	Biological Sciences	Donny	Williams	Wiley College	A Test of the Different Effects of Drugs on Gamma-Globin Gene Activation Utilizing Dual Luciferase Assay
2	51	Chemistry & Chemical Sciences	Immanuel	Williams	University of Maryland Baltimore County	Mechanistic Interpretation of Conventional Michelis-Menten Parameters
2B	36	Biological Sciences	Justin	Williams	Langston University	Automated Selection of PDB Test Sets
2	94	Physics	Quincy	Williams	Norfolk State University	Microwave testing of Ferromagnetic composites
2A	37	Biological Sciences	Akilah	Witherspoon	Howard University	Growth Rate of Colon Cancer Cells in Sera, Collected During Acute Mental Stress Before and After Moderate and Vigorous Physical Activity