

Session #	Room #	Oral Abstract #	First Name	Last Name	Institution	Abstract Title
1	Meeting Room 13	38	Cameron	Abel	Winston Salem State University	Determination of Moisture Content of Pharmaceuticals Using Karl Fischer Titration
3	Meeting Room 5	1	Cameron	Adams	University of Washington	Determining Reservoirs of HIV-1
1	Meeting Room 12	68	Tasha	Adams	Norfolk State University	Improving the Prediction of Geomagnetic Storms with WSA-Enlil
3	Meeting Room 14	2	Margaret	Akinhanmi	University of Georgia	Segregation patterns of the ab10 chromosome in maize
1	Meeting Room 14	54	Adegboyega	Akinsiku	Howard University	Controlling a Robotic Hand Using a Non-Invasive Brain-Computer Interface
3	Meeting Room 15	122	Mir	Ali	University of the District of Columbia	Stream Flow Analysis based on Flow Duration Curves for Potomac Watershed within VA and WVA boundaries
3	Meeting Room 15	69	Marian	Alicea	Southern Polytechnic State University	Photooxidation of Hg(0) in East Fork Poplar Creek, Oak Ridge, TN
1	Meeting Room 5	3	Tamieka	Atkinson	Florida A & M University	The Effect of G-Protein-Coupled Receptor Kinase 5 on Migration in PC3, DU145, and LNCaP Prostate Cancer Cell Lines.
1	Meeting Room 13	39	Nadjitade	Badje	Howard University	Biodiesel from Algae oil (From Dandora waste water treatment plant)
4	Meeting Room 14	4	Natanya	Baines	Southern University at New Orleans	Extraction and Characterization of Antioxidants in Brassica Species
1	Meeting Room 15	95	LaQunia	Banks	Southern University at New Orleans	Modeling with Exponential Functions: The Malthus Model
2	Meeting Room 12	40	Saluta	Banks	University of Arkansas at Pine Bluff	Synthesis and Characterization of Titania Supported Silver Phosphate
3	Meeting Room 14	70	Jamil	Baskett	Fort Valley State University	Analysis of Lipid Biosynthetic Enzymes in Tobacco using Bimolecular Fluorescence Complementation (BiFC) Assay
4	Meeting Room 5	5	Michelle	Bennett	Southern University at New Orleans	Disruption of Pseudomonas aeruginosa Biofilms Using Probiotics and Chemicals

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1	Meeting Room 12	71	Ahnna	Beruk	Howard University	Investigation of Causes of the Severity of the 2011 Thailand Floods
2	Meeting Room 14	123	Shantonio	Birch	Georgia Perimeter College	Preparation of PEDOT-PSS for Use as Electrode Material in Supercapacitors
1	Meeting Room 13	41	Chynna	Blaker	Norfolk State University	Nelfinavir (Viracept®) and its Silicon Analogue as HIV-1 Protease Inhibitors: Synthesis and Evaluation
2	Meeting Room 13	55	Keenan	Bonds	Norfolk State University	Enhancing Node Cooperation in Mobile Ad Hoc Networks
1	Meeting Room 5	6	Megan	Bowlin	Langston University	Hyperglycemia Affects IL-6R Function in Skin
2	Meeting Room 13	56	Jonnetta	Bratcher	Howard University	Using Snort Network Intrusion Detection System to Monitor Network Traffic for Predefined Suspicious Activity or Patterns on a Secured and Unsecured Network
1	Meeting Room 12	72	Joshua	Brown	Howard University	Optimization of Anaerobic Digestion under Mesophilic and Thermophilic Conditions
1	Meeting Room 13	42	Andrei	Callejas	University of the District of Columbia	Synthesis and Structure Characterization of an Ionic Tributyltin Complex with Oxalic Acid
2	Meeting Room 16	113	Noel	Clark	Southern University at New Orleans	Numerical Application of Generalize Monotone Method for Population Models
4	Meeting Room 15	73	Sunshine	Claymore	Sitting Bull College	Ethnoveterinary Treatment of Horses by the Great Sioux Nation
1	Meeting Room 12	74	Jennifer	Colley	Savannah State University	Data Analysis of Tybee Island's Beach Profiles
1	Meeting Room 12	75	Kinyata	Cooper	Howard University	Inoculates and Their Effects on Anaerobic Biogas Production at Dandora Wastewater Treatment Plant
1	Meeting Room 15	96	Joel	Coppadge	Morehouse College	A Perturbation Analysis of the Behavior of Vesicles in Cell Desiccation
3	Meeting Room 14	76	Kareem	Council	Fort Valley State University	Testing and Analyzing Tomato Flavors for Commercial Production

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2	Meeting Room 12	43	Kristopher	Crawford	Morehouse College	Preparation of Injectable Therapeutic Microgels to Treat Spinal Cord Injury
1	Meeting Room 13	44	Ricardo	Cruz	University of Puerto Rico, Mayaguez	Photodegradation of Methylene Blue using MPA-capped Cu-doped ZnSe(S) Quantum Dots
3	Meeting Room 12	116	Anthony	Culp	Morehouse College	Embracing the Darkness:Negative Phototatic Behavior Across the Visual Spectrum in Subterranean Termites (Reticulustermes sp.)
2	Meeting Room 16	97	Artisha	Davis	Southern University at New Orleans	Comparison of Adult Education Data
1	Meeting Room 5	7	Dwayne	Davis	Fort Valley State University	The Correlation between Pupillary Unrest with Respiration and Heart Rate
3	Meeting Room 15	124	Lindsay	Davis	Langston University	The Production of Xanthan Gum as a Sustainable Source of Hydraulic Fracturing
3	Meeting Room 5	8	Jose	DelaO Hernandez	University of the District of Columbia	Expression of CK7 Identifies Tumor Heterogeneity in Papillary Renal Cell Carcinoma Type I.
3	Meeting Room 14	9	Alan	Delbridge	Virginia state university	The Effect of Induced Stress on Blackberry Flower Timing Under High Tunnel Conditions
2	Meeting Room 5	10	Nateja	Diaz	Savannah State University	Potential of Bacillus and Pseudomonas SPP. As a Biological Control agent for Anthracnose Disease
3	Meeting Room 12	98	Amber	Dillon	Southern University at New Orleans	Performance Indicators for Elementary & Middle School Students
2	Meeting Room 15	77	Arishaun	Donald	Morehouse College	Investigating Termite Behavior and Digestion of Cellulose-Based Nanofibers to Determine Cellulase Activity
2	Meeting Room 13	57	Orlando	Elias	Grambling State University	Morphing using Particle System in Computer Graphics
2	Meeting Room 13	58	Stephen	Ellis	Grambling State University	Simulating the Cognitive Networks Using Cloud to Solve Hidden Terminal Problem
2	Meeting Room 15	78	Brooke	Ellison	Virginia State University	Converse of Bergmann's rule supported in Male Slevin's Bunchgrass Lizards, Sceloporus slevini, from Southeastern Arizona

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4	Meeting Room 14	11	Cameran	Faucette	University of Arkansas at Pine Bluff	Development of Transgenic Rice Plants ( <i>Oryza sativa</i> L.ssp. japonica ev. Nipponbare)
2	Meeting Room 14	125	Brannon	Floyd	Norfolk State University	All Solid-State-Based Ultracapacitor
3	Meeting Room 15	126	Yonas	Gadissa	University of the District of Columbia	Stream Flow Analysis based on Flow Duration Curves for Potomac Watershed
4	Meeting Room 14	12	Emanuel	Garcia	Department of Biotechnology, Universidad del Este, Carolina, PR	Tissue Specific Gene Characterization and Expression in <i>Stevia rebaudiana</i> : A Natural Sweetener Plant
4	Meeting Room 14	13	Tiffany	Glover	Langston University	Effect of Maize Mosaic Rhabdovirus on the Behavior of its Vector, <i>Peregrinus Maidis</i>
1	Meeting Room 16	110	Joseph	Gonzalez	University of South Florida	Characterizing the Ultrafast Optical Excitation of Spin Precession in Fe/CoO/MgO (001)
2	Meeting Room 12	45	Angelique	Gumbs	Savannah State University	Extraction of Oil and Polyphenols from <i>Camellia Oleifera</i> Shell and Seed
1	Meeting Room 12	127	Bizuayehu	Hailemeskel	University of The District of Columbia	Carbon Emission Study and Building Energy Assessment
1	Meeting Room 15	99	Quarail	Hale	Norfolk State University	Modeling Illegal Steroid Use among Young Athletes in America
2	Meeting Room 15	14	Shyla	Hardwick	Spelman College	Examining extent of multiple paternity in female red flour beetle, <i>Tribolium castaneum</i>
1	Meeting Room 14	114	Jaleesa	Harrigan	Howard University	An Experimental Analysis of Compact Genetic Algorithm on a Quantum Computer
4	Meeting Room 14	15	Shawn	Harrison	Fort Valley State University	Molecular Genetic Variation in <i>Arundo donax</i> Populations in South Georgia
2	Meeting Room 14	128	Aaron	Henderson	Tennessee State University	Improving Communications via GNU Radio and Underlay Schemes
2	Meeting Room 14	129	Liliana	Hernandez	University of Puerto Rico-Mayag?ez Campus	Porosity in sintered recycled glass designed for polluted soil filtering

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1	Meeting Room 15	100	Daniel	Heslop	Savannah State University	Implementation of 3D Visualization of a Brain Tumor
1	Meeting Room 14	59	Akima	Huggins	Alabama A&M University	Computer Simulation of the Side-Load on the Rocket Nozzle
1	Meeting Room 5	16	Chinaemere	Igwebuike	University of the Virgin Islands	Selective Proximal Tubular Mitofusin 2 (MFN2) Deficiency Prevents Oxidant Stress and Promotes Cell Proliferation following Ischemia Reperfusion (I/R) Injury
4	Meeting Room 14	17	Bianca	Jacques	Virginia State University	Determination of Optimum Harvest Time of Edamame Grown in Virginia
2	Meeting Room 16	101	Nadine	Jansen	North Carolina Agricultural & Technical State University	Weighed Walks and Generating Functions
2	Meeting Room 15	79	Jasmin	Jenkins	Southern University at New Orleans	Solar Farm Effects on Eastern Box Turtles ( <i>Terrapene carolina carolina</i> ) Home Range
1	Meeting Room 12	80	Milica	Jevtic	New York City College of Technology, CUNY	Sources of Environmental Risk to Human Populations Across the Caribbean: Potential Use of Remote Sensing
2	Meeting Room 15	81	Kelsey	Johnson	Virginia State University	Pattern Polymorphism Expressed in Slevin's Bunchgrass Lizard, <i>Sceloporus slevini</i> in Southeastern Arizona
2	Meeting Room 14	130	Brett	Jones	Southern Polytechnic State University	The Effects of Stress on CZTS Thin Film Solar Cells
3	Meeting Room 15	131	Jonathan	Jones	University of Georgia	Renewable Energy-Powered Bulk Milk Cooling for Smallholder Dairy Farmers
3	Meeting Room 5	18	Tarek	Karam	California State University, Los Angeles	Effects of Dietary Cholesterol and Jojoba Seed Oil on High Density Lipoprotein Subclasses in New Zealand White Rabbits
2	Meeting Room 13	60	Wade	Kellard	Rochester Institute of Technology	Establishing Guidelines for Accessibility of Online STEM Resources
3	Meeting Room 5	82	Gawain	Kiffin	Southern University at New Orleans	Impact of BP Oil Spill 2010 on Atlantic Croaker and the Intestinal Microbes
1	Meeting Room 5	19	Ian	Kim	Auburn University	Developmental Plasticity Effects on Mammalian Physiology

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1	Meeting Room 16	107	Andrew	Knight	Norfolk State University	The Optical Stressing of Indium Gallium Zinc Oxide Thin Film Transistors
2	Meeting Room 14	132	Ahsenafi	Lambebo	University of the District of Columbia	Implementation of a Wireless Body Area Network for Healthcare Monitoring
3	Meeting Room 12	117	Alecia	Lane	The University of the District of Columbia	Severe Traumatic Brain Injury and the efficacy of treatment models: The efficacy of treatment models with and without a comprehensive psychosocial component
3	Meeting Room 12	118	Cotina	Lane	University of the District of Columbia	Vulnerability of Personal Devices to Cyber Attack
2	Meeting Room 13	61	Antoine	Lathon	Bowie State University	Course Curriculum Module for Multidimensional Array and Linked List using Gaming Approach
3	Meeting Room 14	133	Briana	Lee	Southern University at New Orleans	Plant Biotechnology: Standardization of Nutrient Media for Tissue Culture
3	Meeting Room 15	134	James	Lee	Elizabeth City State University	Design, Fabrication, and Testing of Microstrip Transmission Lines and Antennas
3	Meeting Room 15	135	Jenny	Lei	University of California, Santa Barbara	Dynamic Measurement of Thin-Films of Bubbles During Boiling Using Fluorescence Microscopy
1	Meeting Room 15	102	Enerly	Lorenzo	University of Puerto Rico	Genetic Emergent Behavior: Cervix Cancer Case
1	Meeting Room 13	46	Kayla	Love	Langston University	Soil Conductivity Analysis of the Formation and Detection of Perchlorate Brines on Mars
2	Meeting Room 16	103	Gino	Loverde	Southern University at New Orleans	Data Encryption and Decryption
3	Meeting Room 5	20	Victoria	Mann	Howard University	Microbial Load of Mango and Avocado Juice in Bahar Dar
3	Meeting Room 12	115	Lakia	Mansell	Claffin University	How the language of science can be altered to enhance student's cognition and retention.
1	Meeting Room 14	136	Angelo	McCaw	Virginia State University	Text To Speech Translator

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2	Meeting Room 15	83	Sean	McKenzie	University of District of Columbia	Identifying and Developing Sustainable Local Strains of <i>Apis mellifera</i> for the Urban Mid-Atlantic Region.
1	Meeting Room 5	21	Martell	McKinney	Langston University	Genetic Variation in PPAR $\gamma$ at Nucleotide 1431 Aids Response to Exercise Training
2	Meeting Room 13	62	Jonathan	McMillon	Virginia State University	Study Data dissemination protocol in Wireless Sensor Network using motelab
3	Meeting Room 14	84	Adriana	Mejia	Universidad Metropolitana, San Juan	Genetic Transformation in Valeria ( <i>Valeriana officinalis</i> L) using Agrobacterium
3	Meeting Room 14	22	Michael	Melvin	Armstrong Atlantic State university	Plant Regeneration and Genetic Transformation in <i>Arundo donax</i> Using Particle Bombardment
2	Meeting Room 14	137	Paul	Miles	Florida State University	A Bayesian Analysis of Viscoelasticity using Stochastic Based Homogenization
3	Meeting Room 12	119	Gloria	Mills	Harris-Stowe State University	Understanding the Correlation Between Classroom Enthusiasm and Students' Retention Rates
4	Meeting Room 14	23	Katie	Minker	University of the District of Columbia	Exploring the utility of two plastid genes, <i>psbA-trnH</i> and <i>matK</i> , in resolving species relationships within <i>Macrolobium</i> (Detarieae: Caesalpinioideae: Leguminosae)
3	Meeting Room 14	24	Jasmon	Montgomery	University of Arkansas at Pine Bluff	Screening of Viruses Infecting Sweet Potato in Arkansas
1	Meeting Room 5	25	Andrew	Morrison	Savannah State University	The Identification of Mutations Involved in Zinc Induced Transcription
1	Meeting Room 15	104	Asia	Motley	Norfolk State University	Crack Cocaine Addiction and its Impact on African American Women- A Mathematical Approach.
2	Meeting Room 5	26	Mastaneh	Nikraves	San Diego State University	Identification and Characterization of Genetic Suppressors of PINK1 Mitochondrial Phenotypes in <i>Drosophila Melanogaster</i>
2	Meeting Room 5	27	Kenyaria	Noble	University of South Florida	Effects of 5-aminoimidazole-4-carboxamide riboxide (AICAR) and rapamycin on mitochondrial dysfunction in mouse embryonic fibroblasts (MEFS) modeling rapid aging

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1	Meeting Room 13	47	Richard	North	Texas Southern University	Characterizing the Safety and Efficacy of Fluoride Dental Varnish with Applications for Standards Development and Clinical Relevance
3	Meeting Room 5	28	Melesse	Nune	University of Georgia	Protein Purification, Crystallization, and Functional Annotations of Essential LysR-type Transcriptional Regulators in <i>Acinetobacter baylyi</i> ADP1
3	Meeting Room 5	29	Jarren	Oates	University of Arkansas at Pine Bluff	Promoter Methylation and Gene Profile Expression in Systemic Lupus Erythematosus (SLE) Patients.
1	Meeting Room 16	111	Corey	Oses	Cornell University	Focusing Capillary Optics: Beam Stop Design
2	Meeting Room 15	85	Danielle	Perryman	San Jose State University	Assessment of Genetic Endemism of Burrowing Crustaceans on the US Pacific Coast
3	Meeting Room 15	86	William	Person	Virginia State University	Automatic Sun Tracker
1	Meeting Room 12	30	Terry	Phillips	Langston University	Revealing the Components of the Cgi Reglataory System of Complementary Chromatic Acclimation in <i>Fremyella Diplosiphon</i>
2	Meeting Room 14	138	Paige	Piggott	Howard University	Characterization and Analysis of High Traffic Website Events
2	Meeting Room 12	48	Ekundayo	Platt	Savannah State University	Cu-Doped Zeolites for the Oxidative Carbonylation of Ethanol (methanol)
3	Meeting Room 12	120	Ethen	Pollard	Morehouse College	Pre-Freshman Bridge Scientific Literacy Study
3	Meeting Room 5	31	Denzel	Pugh	Langston University	A Rat Model of Type II Diabetes
3	Meeting Room 15	139	Asteway	Ribbiso	University of the District of Columbia	Long-term Precipitation Analysis for Mid-Atlantic Region for Evaluating Climate Variability and Change
1	Meeting Room 12	32	Elliot	Rice	University of the District of Columbia	The Toxicity of Tire Leachates to <i>Girardia tigrina</i> is Due to Zinc Content.

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3	Meeting Room 14	87	Gernice	Richardson	Virginia State University	Comparing the organic production of short-day and day-neutral strawberry varieties under Haygrove structure in Southern Virginia
1	Meeting Room 16	112	David	Riser	Delaware State University	Generation of Squeezed Light via Four-Wave Mixing in Rubidium Atomic Vapor
2	Meeting Room 13	140	Jean C.	Rivera-Nazario	University of Puerto Rico at Mayaguez	Searching the experimental region where a metamodel fits best
4	Meeting Room 15	88	Barukh	Rohde	Hunter College, City University of New York	Manipulating the Vibrational Communication of Asian Citrus Psyllids ( <i>Diaphorina citri</i> Kuwayama)
2	Meeting Room 5	33	Taylor	Rosemond	North Carolina Agricultural and Technical State University	Regulation of the G1/S transition Simulation and Investigation
1	Meeting Room 14	141	Jodeci	Ross	Langston University	Service-Oriented Architecture Within UMB: Improving Banking with Technology
2	Meeting Room 13	63	Jeff	Ruffin Jr.	Bowie State University	Virtual Reality Classroom
2	Meeting Room 5	108	Justin	Samorajski	University of Dallas	Dual layer microfluidic platform for cell galvanotaxis studies in 3D
1	Meeting Room 12	142	Cameron	Sanders	Howard University	Surface Water-Quality Modeling of Universitas Indonesia Recharge Pond Towards Optimum Management
2	Meeting Room 16	105	Rispah	Sang	Southern University at New Orleans	Signal and Image Denoising by Fourier Analysis in MATLAB
3	Meeting Room 14	89	Alexandra	Simpson	Portland State University	The Effects of Light on Eelgrass ( <i>Zostera marina</i> ) Growth Rates in Sequim Bay, WA
1	Meeting Room 13	49	Rajah	Singh	Langston University	Regiospecific Lithium-Mediated Sn <sup>2</sup> Benzylolation of a Natural Anthraquinonoid Dye: Producing Eco-friendly Dye for Ecofriendly Fabric
2	Meeting Room 15	34	Michael	Smith	University of the District of Columbia	<i>Biomphalaria glabrata</i> : Gene silencing of Capthepsin B in Resistant Strains leading to Susceptibility to Schistosome Parasite

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2	Meeting Room 15	35	Renee	Smith	Savannah State University	Understanding the genetic diversity for nutritional properties among selected brown and white rice varieties
3	Meeting Room 15	90	Darius	Stanton	Claflin University	An Evaluation of Sustainable Production of Non-food Crop Feedstock for Biofuel
1	Meeting Room 14	143	Tommy	Suriel	University of The District of Columbia	Multi Robot Exploration : Sector Search with Rendezvous
2	Meeting Room 13	64	Kim	Ta	Bowie State University	Gaming Approach to Learn Arrays In C++
1	Meeting Room 14	65	Waled	Tayib	Tennessee State University	Network Traffic Analysis on Hadoop based Cloud Computing System
1	Meeting Room 13	50	Austria	Taylor	Winston-Salem State University	Investigation of the Binding of 1-(9-anthryl)-2,2,2-trifluoroethanol with Human Serum Albumin Using Analytical Spectroscopy
2	Meeting Room 12	51	Lana	Thomas	Savannah State University	Low Resource Extraction of mRNA using Surface Tension Valves
1	Meeting Room 15	106	Schondell	Thomas	Southern University at New Orleans	Utilization of Early Childhood Programs
1	Meeting Room 14	66	Titus	Thomas	Bowie State University	3D Simulated Emergency Subway Evacuation
4	Meeting Room 15	91	Ellen	Tisdale	Tuskegee University	Measuring and Comparing Pigments in Leaves Based on Spectra
3	Meeting Room 12	121	Corinna	Tordillos	University of Washington	The Native Comic Book Project
1	Meeting Room 5	36	Britani	Vann	Langston University	Comparison of the Functionality of High Density Lipoprotein Cholesterol in Overweight Youth Before and After an Exercise Trial
2	Meeting Room 15	92	Van	Vu	Southern University at New Orleans	Acute Toxicology: Effects of Cu on grass shrimp ( <i>Palaemonetes pugio</i> L.)
2	Meeting Room 12	52	Trenton	Ware	Univ. of Arkansas at Pine Bluff	Characterization of Na <sup>+</sup> Dependent Dicarboxylate Transporter (NaDC) in Bovine Brain Microvessel Endothelial Cells (BBMEC)

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1	Meeting Room 5	37	Britney	White	Clafin University	Cancer Epigenetics: Combining LSD1 and DNA methylation inhibitors for targeted breast cancer treatment
3	Meeting Room 15	93	Aurellia	Whitmore	Southern University at New Orleans	The Design and Microproduction of Bioethanol from Brassica napobrassica
1	Meeting Room 13	53	Brooke	Williams	Howard University	Phosphorus Removal From Waste Water:Dandora Waste Water Treatment Plant
1	Meeting Room 14	67	Lakeasha	Williams	Howard University	Using Ubuntu Operating System and Snort Intrusion Detection System to Monitor Network Traffic for Predefined Suspicious Activity on Secured and Unsecured Networks
3	Meeting Room 14	94	Derrick	Williams, Jr.	Saint Augustine's University	Agrobacterium-Mediated Genetic Transformation in Stevia (Stevia rebaudiana)
1	Meeting Room 16	109	Jerry	Yost	Southern University of New Orleans	The Effects and Migration of Copper Nanoparticles in Different Soil