

Session	Room Assignment	Abstract #	First Name	Last Name	Institution	Abstract Title
2	Meeting Room 9	96	Mohammed	Abdi	Benedict College	The Study of the Thermoelectric Properties of Phase Change Materials (Ge ₂ Se ₂ Tb ₅)
1	Meeting Room 7	54	Eniola	Adamson	Tennessee State University	Cyber Analysis, Simulation and Experimentation Environment (CASE-V) Test bed
1	Meeting Room 7	55	Rafael	Aguayo	University of California, San Diego	Detecting Foot-Chases for Police Body-Worn Video
2	Meeting Room 6	20	Moses	Akintunde	Pennsylvania State University	Cyclospora Laboratory Assessment Survey (CLAS) of United States Laboratories
2	Meeting Room 10	122	Tilaye	Alemayehu	University of the District of Columbia	Extended Weighted Extreme Learning Machine for Biometric Signal Classification
2	Meeting Room 9	97	Jonathan	Ambrose Torres	University of Puerto Rico, Mayaguez	Nitrogen Doping of Flame Synthesized Graphene for Applications in Renewable Energy & Nanotechnology
3	Meeting Room 9	106	Diliorah	Arah	Bowie State University	A Fitness Application For Increasing Productivity In The Workplace
2	Meeting Room 6	21	Angela	Aralu	University of Georgia	Discovery Recovery Methods and Detection of Food Borne Parasites
3	Meeting Room 6	33	Tiara	Askew	Bowie State University	DNA Barcoding: Is it really whole wheat flour?
4	Meeting Room 6	17	Syed	Ather	Indiana University-Bloomington	Evaluating Human Brain Reference Transcriptome based on Iso-Seq Data
1	Meeting Room 7	56	Joshua	Bailey	Mississippi Valley State University	Creation of A Mobile Web Application for Scientific Data Entry

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2	Meeting Room 8	78	Michelle	Barboza	California State University Fullerton	Vertebrate Fauna and Ungulate Biostratigraphy of the Highly Fossiliferous Oso Sand Member, Capistrano Formation, Orange County, Ca
3	Meeting Room 6	34	Marlyn	Bernardo	North Carolina Agricultural and Technical State University	Genome-Wide Identification of Chromatin Regions Associated with SEUSS Transcriptional Adaptor During Carpel Margin Meristem Development in Arabidopsis thaliana
2	Meeting Room 8	75	Madalyn	Bryant	Fort Valley State University	Growth Analysis of Arabidopsis Thaliana with Reduced Ubiquitin Conjugating Enzyme Gene Expression
2	Meeting Room 8	74	Obeng	Buo	Borough of Manhattan Community College	The Dynamics of Water Storage Over Lake Eyre, Australia Observed by Satellite Data
1	Meeting Room 7	52	Frank	Burden	J.F. Drake State	Project Avatar: A Study of Focus and Execution
1	Meeting Room 6	1	Steven	Cale	University of the District of Columbia	Studying the Effects of Athletic Training on Postural Control
4	Meeting Room 6	6	Brendalis	Camacho	Rochester Institute of Technology	Biofilms Assay Analysis on Streptococcus Mutans Bacteria
3	Meeting Room 6	12	Juliana	Cantillo	University of Florida	Mating Dynamics of Asian Citrus Psyllids in High Density Populations on Host Plants
3	Meeting Room 10	138	Margaret	Carolan	Virginia Polytechnic Institute and State University	Effects of Flow Rate on Turbidity and Microbial Growth in Premise Plumbing Systems
1	Meeting Room 8	66	Arrieyana	Cartier	Virginia State University	An Investigation on the Anthropogenic Impact on Water Quality in Hilo (Hawaii) Bay
1	Meeting Room 9	115	Anna	Chambliss	Howard University	Redesign of Open Roadside Drains for Pedestrian Safety on Selected Roads in Dar es Salaam, Tanzania

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1	Meeting Room 6	3	Kevin Blake	Chancellor	University of Tulsa	Combining Metabolic Inhibitors to Preferentially Target Cancers with Deregulated p27
3	Meeting Room 6	11	Autumn	Chong	Universit of Hawaii at Hilo	Sizes of Arctic Cod (<i>Boreogadus saida</i>) Consumed by Ice Seals
3	Meeting Room 6	13	Patrick	Clower	Savannah State University	Evaluation of Oyster Density (<i>Crassostrea virginica</i>) and Slope at Natural and Restored Oyster Reefs in Coastal Georgia
1	Meeting Room 6	4	Oswaldo	Cossio	University of Arkansas at Little Rock	Fragment Based Drug Discovery of Allosteric FAK Inhibitors
2	Meeting Room 6	22	LaTaijah	Crawford	Delaware State University	Exploring the Role of Mycorrhizae in Plant Abiotic Stress Tolerance
3	Meeting Room 10	139	Kimberly	Cribbs	University of Arkansas - Fayetteville	Evaluation of the Adsorption of Fluoride from Drinking Water by Modified Laterite for Northeast Ghana
4	Meeting Room 6	7	Thien	Crisanto	Humboldt State University	Plastid Turn Over in Sacoglossan Sea Slug, <i>Elysia timida</i>
3	Meeting Room 6	37	Diamond	Crumbly	Howard University Gear Up	Analysis of Lake Tana
2	Meeting Room 10	128	Tremain	Crutcher	Alabama A&M University	Waterless Polymer Solution to Maintain Solar Panel Efficiency
1	Meeting Room 6	105	Yazeli	Cruz	University of Puerto Rico-Mayaguez	Characterization of Alzheimer's disease: An Operations Research Approach
2	Meeting Room 6	23	Paula	Datri	Southern University at New Orleans	Breakdown of Biofilm with Nanoparticles

Session	Room Assignment	Abstract #	First Name	Last Name	Institution	Abstract Title
3	Meeting Room 6	14	Dallas	Davidson	Virginia State University	Polymorphic Protection Hypothesis Not Supported in the Bunchgrass Lizard, <i>Sceloporus slevini</i>
4	Meeting Room 8	103	Divine	Davis	Clafin University	Play Hard, Learn Hard
2	Meeting Room 10	129	Manny	de Jesus	University of Puerto Rico-Mayaguez	Fabrication and Characterization of Chitin-bamboo Composites
1	Meeting Room 9	116	Sierra	Dennis	Howard University	Pedestrian Safety at Unsignalized Intersection: Ubungo Intersection, Dar es Salaam, Tanzania
1	Meeting Room 7	57	Phillip	Devreaux	Bowie State University	Virtual Tour of University Campus Using Oculus Rift
4	Meeting Room 6	8	Darnell	Dinwiddie	Tuskegee University	Estimating the Mechanical Properties of <i>Lytechinus Variegatus</i> Eggs through Membrane Blebbing
3	Meeting Room 6	15	Mayah	Dunham	Virginia State University	Ecophysiological Studies of Phytoplankton at Hilo Bay: Undergraduate Summer Internship
3	Meeting Room 7	38	Robert	Dunleavy	Lehigh University	Single Enzyme Biomineralization of Cadmium Sulfide Nanocrystals
4	Meeting Room 6	9	Comfort	Effi	Cheyney University of Pennsylvania	YY1 Deletion Controls Condensin, Cohesin, and PcG Proteins DNA Recruitment, But Not Their Expression Levels
2	Meeting Room 8	81	Ishara	Emerson	Spelman College	Subterranean Termite (<i>Reticulitermes</i> sp.) and their Microbes Ability to Break Down One Formulation of Poly (N-vinyl caprolactam
4	Meeting Room 6	10	Shadia	Farah	Macaulay Honors College at Queens College	Growth Hormone Regulates Dendritic Spine Density and Neuronal Activity in Amygdala Neurons as a Model for Chronic Stress

Session	Room Assignment	Abstract #	First Name	Last Name	Institution	Abstract Title
1	Meeting Room 6	5	Joseph Michael	Fields	Langston University	Defining the Role of a Mutant Isocitrate Dehydrogenase (IDH) in Malignant Gliomas
3	Meeting Room 8	84	James	Finnie	Virginia State University	Statistical Analysis of Automotive Electronic Components
4	Meeting Room 8	104	Bethany	Fronhofer	Wentworth Institute of Technology	Blocks to Creativity in a Freshmen Engineering Course using Design Heuristic Cues
2	Meeting Room 8	82	Bianca	Gilliam	Virginia State University	Researching Four Raspberry Varieties and their Size and Yield
3	Meeting Room 10	130	Alexa	Gonzalez-Rosario	University of Puerto Rico-Mayaguez	Catalytic Production of Sugar and Platform Molecules from Biomass Using Biomass-Derived γ -Valerolactone
1	Meeting Room 9	117	Cordel	Gordon	Savannah State University	Buckling Analysis of a Safety Ladder
3	Meeting Room 8	85	Janica	Gordon	Southern University at New Orleans	Examination of the Effect of Exit Condition on Investment Performance
3	Meeting Room 8	86	Dominic	Gray	Norfolk State University	Improved Detection of Recent Common Ancestry in Malaria to Elucidate Disease Transmission
2	Meeting Room 6	24	Hamilton	Green	Dillard University	Understanding the Role of the Metabolite Sensors YpdAB and YehUT in Uropathogenic Escherichia coli Adherence and Biofilm Formation.
4	Meeting Room 7	47	Erin	Grills	Pennsylvania State University	Raman Spectroscopy Used to Characterize Reactions with Transition Metal Dichalcogenides
1	Meeting Room 6	31	Nicholas	Guthrie	Howard University	Prevalence and Anatomical Evidence of Treponemal Infection in the Cobb Collection

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3	Meeting Room 7	45	Arielle	Hackel	Georgia State University	Computational Study of Langmuir Monolayers and Their Properties Using Molecular Dynamics
2	Meeting Room 9	94	April	Harding	Southern University at New Orleans	Degradation of Nanoparticles by Microbes Found on Spacecraft
1	Meeting Room 8	67	Akira	Harris	Virginia State University	The Absence of Batrachochytrium dendrobatidis in Surinamese Anurans
3	Meeting Room 10	131	John Patrick	Harris	Norfolk State University	Molybdenum Disulfide-based Thermoelectric Semiconducting Material for Energy Generation
4	Meeting Room 7	48	Dinushka	Herath	Clark Atlanta University	Computational Study of Double Nitrogen Doping on Graphene
1	Meeting Room 8	65	Laura	Hernandez	Humboldt State University	Emission of Air Pollutants from Biomass Burning in Northern Thailand
2	Meeting Room 7	58	Desmond	Hill	Grambling State University	Retrieving a Required Document Using Hadoop Technology
1	Meeting Room 9	118	Marthony	Hobgood	Virginia State University	Optimize Machining Efficiency in Impeller Manufacturing
1	Meeting Room 9	113	Ruth	Holden	Norfolk State University	Detection of Dopamine by fluorescent Optical Probes with Quantum Dots
3	Meeting Room 8	92	Alexandria	Hood	Norfolk State University	Mathematical Model of Human Papilloma Virus among College Students
3	Meeting Room 10	132	William	Huang	University of California San Diego	Low temperature magnetoresistance in a p-InMnSb/n-InSb magnetic semiconductor heterojunction

*Presentation schedule is listed by primary author's last name.

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4	Meeting Room 7	50	Kristen	Hypolite	Southern University and A&M College	Study of Activated Alumina Coated Laterite for Defluoridation of Water
4	Meeting Room 7	46	Emmanuel	Ike	Howard University	Fabrication of Fe ₃ O ₄ /SiO ₂ /TiO ₂ Core-shell Nanoparticles and Analysis of their Photocatalytic Activity
3	Meeting Room 7	41	Ogechi	Irondi	Clark Atlanta University	Extraction of Malachite Green Using pHEMA Hydrogel
2	Meeting Room 8	79	Rezwon	Islam	New York City College of Technology	Using Satellite Imagery to Monitor Large Lakes; Case Study Lake Hamun and Lake Eyre
2	Meeting Room 10	127	Nimah	Ismail	Howard University	S.A.V.E.R Project: Seismic Vulnerability Assessment Using Ambient Vibration on Santa Ana High School
2	Meeting Room 8	76	Justin	Jacobs	California State University, Long Beach	Comparison of Genetic Diversity and Differentiation of the lizard <i>Sceloporus occidentalis</i> at High and Low Elevations over Time on a Mojave Desert Sky Island.
4	Meeting Room 7	51	C'Asia	James	University of Arkansas at Little Rock	Dye Degradation using PNDCs
2	Meeting Room 10	125	Darius	Jefferson	Norfolk State University	Developing KemQuest: A 3D Educational Chemistry Game
3	Meeting Room 9	108	Cary	Junior II	Morehouse College	Phonological Awareness and Rapid Naming Effects on Language Acquisition Brain Activity
2	Meeting Room 7	59	Mallek	Kanan	Winston Salem State University	Design and Development of a Minimum Spanning Tree Mobile Application
2	Meeting Room 9	99	Md Tanveer	Karim	University of Rochester	Measuring the Rotation Periods of 4-10 Myr old T-Tauri stars in the Orion OB1 Association

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3	Meeting Room 10	133	Frances	Kwok	Pennsylvania State University	Oxidation and Etching of Layered Molybdenum Disulfide at Elevated Temperatures
3	Meeting Room 6	35	alexandria	lauray	Clark Atlanta University	The Precise Location of DJ1C in Plant Chloroplast
1	Meeting Room 6	2	Jessica	Leal-Cruz	University of California, Irvine	Modifying the Protein Construct for Nanoparticle Adhesion
3	Meeting Room 9	109	Myesa	Legendre-Fixx	University of Washington	Perceptions on Entry and Upward Mobility in the Managed Bering Sea Crab Fisheries
3	Meeting Room 7	42	Alycia	Lewis	Central State University	Computational Study of the Differential Binding of a Quadruply Hydrogen-Bonded Complex in Solution
2	Meeting Room 7	60	Malik	Majette	North Carolina State University	Deep Learning Based Cross-modal Face Recognition
1	Meeting Room 9	112	Mercedes	Maldonado	New Mexico State University	Studying the Gas Cycles that Govern Galaxy Evolution
1	Meeting Room 8	68	Gritidach	Manakitivipart	Humboldt State University	Gray Vireo (Vireo vicinior) Nesting Success and Site Selection In Response To Prescribed Fire On The Seville National Wildlife Refuge
3	Meeting Room 9	110	Robert	McGowan	Tuskegee University	A Behavioral Study Of The Effect Of Wet Bedding, Rotation, And Noise On 129svew Transgenic Mice Vs.Control.
2	Meeting Room 10	123	Jeury	Mejia	Borough of Manhattan Community College	iPhone Indoor Navigation System for Visually Impaired People
3	Meeting Room 10	134	Paula-Marie	Mensah	Southern University Agricultural and Mechanical College	Developing Longer Shape-memory Artificial Muscles from Polyethylene Copolymer Fishing Line

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3	Meeting Room 8	87	Kenneth	Moody	Virginia Tech	Dynamics of Gang Activity
2	Meeting Room 9	98	Diamanika	Moss	Southern University at New Orleans	Use of Caenorhabditis Elegans to Study Toxicity of Nanoparticles Designed for Spacecraft
1	Meeting Room 8	69	Cherie	Nelson	California State University of San Bernardino	The effects of primary and secondary nectar robbing of Ipomopsis aggregata on hummingbird visitation
2	Meeting Room 7	61	Richard	North	Texas Southern University	Automatic Detection of Phishing URLs Using Machine Learning
2	Meeting Room 7	62	Olatide	Omojaro	Georgia Institute of Technology	Classifying Frog Calls Using Gaussian Mixture Model and Locality Sensitive Hashing
3	Meeting Room 7	43	Adewola	Osunsade	University of the District of Columbia	The Sterically Mediated Reaction of Some Triorganotin with Picolinic Acid N-Oxide
2	Meeting Room 9	101	Ashley	Owens	Alabama A&M University	The Muon G-2 Experiment
3	Meeting Room 10	137	Kalah	Ozimba	Howard University	Elucidating the Effect of Graphene Oxide and Other Nanoparticles on the Growth of Gram-Negative Bacteria
1	Meeting Room 6	32	Patresia	Payton	Tuskegee University	Effects of Transportation Conditions on the Recovery and Viability of Canine Spermatogonial Stem Cells
3	Meeting Room 7	39	Alexia	Perryman	San Jose State University	Recombinant Protein Expression of AaSPV from the Midgut of Arbovirus Vector Aedes aegypti Mosquito
2	Meeting Room 10	121	Lincoln	Peters	College of Menominee Nation	Research, Issues, and Recommendations for a New Solar Energy Prediction Model

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1	Meeting Room 7	53	Dolores	Petropulos	Rollins College	Building a Relational Small Satellite (SmallSat) Database
1	Meeting Room 9	119	David	Potter Jr.	Tennessee State University	Design of an Efficient Film Cooling Technique for a Gas Turbine Blade
2	Meeting Room 10	126	Marc	Primeau	Tennessee State University	Interactive and Immersive Visualization of Engineering Systems
4	Meeting Room 6	18	Raven	Reed	Texas Southern University	Sequencing the Mitochondrial Genome of the Giant Scops-Owl (<i>Otus gurneyi</i>) and Review of the Phylogeny of the Old World Otus
3	Meeting Room 8	88	Amanda	Reeder	Norfolk State University	A Comparison of Measles Vaccination Regimes in a Stochastic Spatial SIR Model
2	Meeting Room 6	19	Maleek	Richardson	North Carolina A&T State University	Understanding The Sleep/Wake Regulatory System
2	Meeting Room 9	95	Altoneisha	Rose	Southern University at New Orleans	Use of Different Surfaces and Sizes of Nanoparticles to Capture <i>Bacillus megaterium</i> on Spacecraft
1	Meeting Room 8	70	Sania	Rose	University of the District of Columbia	Soil Analysis of Arsenic, Copper, and Lead Contamination in Urban Gardens in the District of Columbia
3	Meeting Room 10	135	Felicia	Rutland	North Carolina A&T State University	Simulation of the Solidification of Gas-Atomized Uranium Droplets
3	Meeting Room 10	136	Maritza	Sanchez	California State University, Los Angeles	Material and Structural Characterization of Cobalt Stannates and Cobalt Aluminate Spinel
2	Meeting Room 6	25	Abigail	Shilvock	Cornell University	IFN-Beta and Rig-I Induction in ADAR1 Knockout HEK 293T Cells

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2	Meeting Room 9	102	Amber	Simmons	Hampton University	Optical Spectroscopy of Cerium doped Potassium Lead Chloride for Potential Use in Scintillators
3	Meeting Room 9	107	Edwin	Simpson	Clafin University	Knowledge and Awareness of HIV and Risky Sexual Behavior among Students at a Historically Black College/University in South Carolina
1	Meeting Room 8	71	Carl	Smith	Southern University at New Orleans	The Environmental Health Studies of the Lower Ninth Ward of New Orleans, Louisiana
2	Meeting Room 6	26	Margeria	Smith	Alcorn State University	Spatial, Seasonal and Temporal Abundance of Root Colonizing Dark Septate Endophytic (DSE) Fungi in Energygrass Giant Miscanthus
2	Meeting Room 9	93	Erika	Spangler	University of the District of Columbia	Understanding Focused Helium Ion Beam Milling Through Cross-sectional Imaging
1	Meeting Room 9	114	Andre'	Spears	Southern University and A&M College	Probing the Electrochemical Characteristics of Aged Carbon- Supported Pt Catalysts
2	Meeting Room 8	83	Jamal	Stevenson	Mississippi Valley State University	A Corresponding Study of Water Quality Evaluation of the Pasquotank Watershed in North Carolina
2	Meeting Room 10	120	Ayele	Tegegne	Tennessee State University	Design of an Efficient Catalytic Converter with Increased Flow Rate and Minimum Pressure Drop using CFD Techniques
2	Meeting Room 7	63	xien	thomas	Texas Southern University	Gamifying Proofs
3	Meeting Room 8	89	Ayana	Tiller	Savannah State University	My Journey with Perfect Numbers
2	Meeting Room 8	80	Alexander	Torres	Texas Southern University	Bioaccumulation of Environmental Contaminates in Bear Creek, Tennessee

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3	Meeting Room 8	90	Sieu	Tran	Virginia Polytechnic Institute and State University	Discrete Boundary Problems via Integro-differential Algebra
2	Meeting Room 7	64	Christina	Tsangouri	City College of New York	Real-Time Facial Computing Web Service Construction and Mobile Device Implementation
3	Meeting Room 7	40	Achombom	Tunyi	University of Washington	Using Computer Simulations to Discover Molecular Mechanisms of Insulin Degradation and Stability
1	Meeting Room 8	72	Nancy	Urbano	St. Mary's University	Brominated Flame Retardants in Marine Organisms and their Transferred effect on Higher Level Organisms
3	Meeting Room 6	16	Alyssia	Velez	Virginia State University	The Plant Diversity Hypothesis Explains Insect Gall Diversity in Sipaliwini, Suriname
2	Meeting Room 6	27	Mahtab	Waseem	Howard University	A Chemical Screen for Chemical Compound Modulators of the Vibrio Cholerae Phosphotransferase System
2	Meeting Room 8	77	Spencer	Weinstein	University of Massachusetts Amherst	Characterization of Blueline Tilefish (<i>Caulolatilus microps</i>) Microsatellite Loci: a Genetic Investigation of Geographic Connectivity
2	Meeting Room 9	100	Lauren	Weiss	Amherst College	Exfoliation and Transfer of 2D Transition Metal Dichalcogenides
2	Meeting Room 6	28	Christopher	Wellman	University of the District of Columbia	Gene Suppression of PIWI Causes Susceptibility to Schistosomes in Resistant Snails
4	Meeting Room 7	49	Lauren	Wells	Howard University	Antimicrobial and Cytotoxicity Study of Silver Chloride/ Poly (3-hydroxybutyrate-co-3-hydroxyvalerate) (AgCl/PHBV) Film: A Potential Scaffold for Bone Tissue Regeneration
3	Meeting Room 8	91	Zakar	White	Virginia Tech	The Effects of Government Intervention and Rehabilitation on Prostitution

2016 ERN Conference in STEM
 Washington, DC - February 25-27, 2016
 Renaissance Hotel
 Undergraduate Oral Presentation Schedule*

Oral Presentation Session 1: Friday, Feb. 26th - 10:00am - 12:15pm
 Oral Presentation Session 2: Friday, Feb. 26th - 4:00pm - 6:30pm
 Oral Presentation Session 3: Saturday, Feb. 27th - 8:00am - 10:30am
 Oral Presentation Session 4: Saturday, Feb. 27th - 11:00am - 12:30pm

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1	Meeting Room 6	30	Jahniece	Williams	Howard University	Amoxicillin Drug Delivery by Functionalized SBA-15
3	Meeting Room 9	111	Nia	Williams	University of the District of Columbia	Investigating the Relationship between Internal Racism and Social Class among African Americans
3	Meeting Room 7	44	Sydney	Williams	Dillard University	Analysis of Mined Data on the API from Medications Stored on Short and Long Duration Space Flights
3	Meeting Room 6	36	Alia	Wofford	Elizabeth City State University	How Do Photoperiod and Temperature Impact Flowering in Mimulus gut talus?
2	Meeting Room 8	73	Quaneisha	Woodford	Fort Valley State University	Morphological Comparison of Leaves in Different Grape Species
2	Meeting Room 10	124	Kenichi	Yamamoto	The City College of New York	Assistive 3D Indoor Localization With a Wearable Glass
2	Meeting Room 6	29	Diana	Zamora	Kansas State University	The Effects of a Dry Powder Acidulant on Salmonella Contamination in Poultry Feed

*Presentation schedule is listed by primary author's last name.