

2014 ERN Conference in STEM  
 Washington, DC - February 20-22, 2014  
 Graduate Oral Presentation Schedule  
 Meeting Room Level

Oral Presentation Session 1: February 21st, 10:00am - 12:15pm  
 Oral Presentation Session 2: February 21st, Friday, 4:30pm - 6:30pm  
 Oral Presentation Session 3: February 22nd, Saturday, 8:00am - 10:30am  
 Oral Presentation Session 4: February 22nd, Saturday, 11:00am - 12:30pm

Session #	Meeting Room #	Oral Abstract #	First Name	Last Name	Institution	Abstract Title
3	Meeting Room 7	24	Candice	Adams	Auburn University	A Collaborate, Adapted-Based Approach to E-Learning Technology Design
3	Meeting Room 7	25	Husam	Adas	Tennessee State University	A Labeled Data Set for Detecting Malware Infecting Android-based Smartphone
4	Meeting Room 7	46	Md. Ariful	Ahsan	Tuskegee University	Dendrimer-Templating: A Facile Fabrication Method for Bimetallic CuNi NPs
4	Meeting Room 7	44	Ayten	Ay	Syracuse Academy of Science Charter School	Effect of Protein Corona on Cellular Uptake of Nanoparticles
3	Meeting Room 3	7	Carrie	Barnum	University of Delaware	Characterization of Tdrd7 Null Mouse Mutant Lens
3	Meeting Room 12	58	Amy	Berman	Tennessee State University	Career Development and Retention in STEM
3	Meeting Room 3	11	Ronda	Bibbs	Alabama State University	The Antimicrobial Effect of Silver Nanoparticles against Streptococcus pneumoniae
3	Meeting Room 7	26	Emmanuel	Borkor Nuakoh	North Carolina A&T State University	Using CAPEC Attack Patterns for Secure Software Development
3	Meeting Room 14	65	Dontrey	Bourgeois	Prairie View A&M University	Wireless Sensor Network System for Precision Agriculture
3	Meeting Room 9	35	Dorine	Bower	University of Arkansas	CO <sub>2</sub> and Carbon Sequestration in Terrestrial/Biological Context
3	Meeting Room 7	27	Roy	Brown	Bowie State University	Emergency Response Simulation using Virtual Reality
2	Meeting Room 9	42	KaRen	Byrd	Elizabeth City State Universtiy	Snow Water Equivalent Data-Processing Simulator
3	Meeting Room 14	60	Andres	Chavez	California State University Northridge	Multiferroic Motor Design, Fabrication, and Characterization
3	Meeting Room 14	66	Jose	Chavez	University of Texas at El Paso	Molecular Dynamics Study of Thin Films in Lattice Mismatched Substrates
3	Meeting Room 7	28	Wenhao	Chen	Bowie State University	Kinect and Management Features in Virtual Reality Classroom
3	Meeting Room 3	8	Monica	China Diliz	California State University Los Angeles	Testing the Hypothesis that the Levels of Id2 and Id3 Expression Change in a Cell Cycle-dependent Manner and Are Affected by the Presence of MyoD in C2C12 Myoblasts

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3	Meeting Room 3	1	Michelle	Coleman	University of North Carolina at Charlotte	Polymer Biomaterial Effects on MCF10A Breast Cells in 3D Culture Systems
3	Meeting Room 4	15	Christopher	Copeland	Jackson State University	Nature of Hydrogen Bonding in Acetamide Dimers: A Computational Study
4	Meeting Room 7	47	Janet	Cowins	Clark Atlanta University	Beta-Cyclodextrin/Beta-Sitosterol Inclusion Complexes as Drug Delivery Vehicles
3	Meeting Room 14	68	Kristy	Crews	Tuskegee University	Crystalline Cellulose Extraction for the Use in Sustainable Electronics
3	Meeting Room 4	21	Lionel	Cross	Clark Atlanta University	Dispersion and Delamination of Graphite by Melt Mixing in PETI Resins
4	Meeting Room 9	57	Sandra	Cutts	Alabama A&M University	Nuclear Energy Safety: Public Perception, Communication and Awareness
2	Meeting Room 9	41	Eugene	Douglas	Virginia State University	Single Fiber and Fiber Bundle Strength Probability Distribution of High Performance Polymer Materials
4	Meeting Room 7	53	Clement	Etukakpan	North Carolina Central University	Electrodeless Time Resolved Microwave Conductivity for Photogeneration
3	Meeting Room 3	13	Orimadegun	Famuyide	Claflin University	Plant Derived Antimicrobial Compounds for the Treatment of Diarrhea Diseases Caused by Salmonella Typhimurium
3	Meeting Room 12	56	Velvet	Fitzpatrick	Purdue University	Using Phenomenology to Investigate Dyslexia in Undergraduate Engineering
4	Meeting Room 7	45	Sha'La	Fletcher	Norfolk State University	Structural Properties of BTO/LSMO on STO and LAO grown using Plasma PLD
4	Meeting Room 7	48	Nitza	Garcia	University of Puerto Rico	Effect of Fly Ash and Nano-Silica on Concrete's Compressive Strength
3	Meeting Room 3	2	Moises	Guardado	Stony Brook University	Kinetics of Cell Response upon Lipoic Acid Analog (CPI-613) Treatment
3	Meeting Room 9	40	Fushcia	Hoover	Purdue University	A Comprehensive Analysis of the Schleman Hall Extensive Green Roof
3	Meeting Room 9	37	Audra	Huffmeyer	University of Michigan/University of Minnesota Twin Cities	Has Barandabar Corridor Forest Reached Carrying Capacity for Tigers?
3	Meeting Room 14	67	Brett	Jones	Florida International University	Development of Low-Cost Cu <sub>2</sub> ZnSnS <sub>4</sub> Thin Films by Sol-Gel Deposition

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2	Meeting Room 9	52	Marvin	Jones	North Carolina A&T State University/Indiana University	Topological Bound States in One-Dimensional Tight Binding Hamiltonians
3	Meeting Room 14	61	Hakob	Karaoglanian	California State University, Los Angeles	Effects of Various Combustion Techniques in a Subsonic Turbine-less Engine
3	Meeting Room 14	62	Sam	Keske	Auburn University	Self-Consolidating Concrete in Precast, Prestressed Girders
3	Meeting Room 7	29	Emanuel	Lin	University of California, Los Angeles	Showcase Data Center
3	Meeting Room 4	22	Stephan	Mathis	Clark Atlanta University	Scintillating Metal-Organic Frameworks for Detecting Sub-Atomic Particles
3	Meeting Room 9	36	Maria	Meza-Lopez	Rice University	Warming and Nutrients Facilitate Exotic Species Invasions in Wetlands
3	Meeting Room 3	14	Katharine	Minker	University of Delaware	Use of Bioimaging Techniques to Characterize Fungal Pathogenesis in Maize
3	Meeting Room 7	30	Kato	Mivule	Bowie State University	SIED, a Data Privacy Engineering Framework
3	Meeting Room 3	3	Torez	Moody	Claflin University	Chemotherapy-induced Modulation of Expression of Telomerase
3	Meeting Room 3	9	Aja	Moss	Claflin University	Development of In-situ PCR as an Application in Certain Sexual Assault Cases
3	Meeting Room 12	54	Marc	Muniz	North Carolina State University	Teaching Tools for Pedagogy at the Nanoscale
3	Meeting Room 3	4	Sylvianne	Njiki	Jackson State University	Phosphatidylserine in Human-Leukemia Cells Induced by Garlic Extract
4	Meeting Room 7	49	Cassandra	Oduola	Texas Southern University	Symmetry in Quantum Turbulence
3	Meeting Room 4	16	Omotunde	Olubi	Clark Atlanta University	DNP-Functionalized Polymers and Their Biocompatibility with IgE
4	Meeting Room 7	50	Corey	Oses	Cornell University	Plume Propagation Simulation for Pulsed Laser Deposition
3	Meeting Room 14	64	Yawei	Pang	Texas Southern University	Maximizing Data Collection with Guaranteed Residual Energy in Wireless Sensor Networks

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3	Meeting Room 12	55	Brittney	Pearson	Virginia State University	Time Perspective as a Predictor of Self-handicapping Behavior in African-American College Students
3	Meeting Room 4	17	Vernecia	Person	Clark Atlanta University	Hairy-Nanoparticles: General Brush Architecture
3	Meeting Room 14	59	Krystine	Pimentel	Florida International University	Hs578T and HEY Cancer Cell Cytotoxicity to Arsenic (III) Oxide
2	Meeting Room 9	43	Deonnia	Pompey	University of Alabama at Birmingham	A Randomized Algorithm for Tensor Decomposition
3	Meeting Room 14	69	Vertonica	Powell-Rose	Tuskegee University	Effect of Surface Modification on Woven Flax Fibers Bio-Based Composite
3	Meeting Room 7	31	Md Rezaul	Raju	Texas Southern University	Scalable Hybrid Implementation for Parallel Sparse Matrix-Matrix Multiplication with Reduced Communication Overhead
3	Meeting Room 4	18	Peter	Rosado	Syracuse University	Synthesis of Novel S-block Metal Organic Frameworks
3	Meeting Room 9	38	Jeffrey	Ross	University of Utah	Stable Isotopic Evidence of Water Competition between Aridland Plants
3	Meeting Room 3	10	Pamela	Russell	California State University Los Angeles	Investigation of MyoD Binding to Id2 and Id3 Regulatory Regions in C2C12
3	Meeting Room 3	12	Carrie	Sanders	Alabama State University	SARS-CoV Spike Protein Epitopes Mapping with RNA QB Displayed Peptides: A Vaccine Candidate
3	Meeting Room 3	5	Cornelia	Santos	University of Colorado	Native American Cancer Patient Navigators in Indian Country
3	Meeting Room 4	19	Tiana	Shaw	Clark Atlanta University	Process to Functionalize Polyaniline for Biotin-Avidin Biosensing Applications
3	Meeting Room 3	6	Wesley	Sims	Alabama Agricultural and Mechanical University	p53 Codon 72 Polymorphisms in African-American Women with TNBC
3	Meeting Room 7	32	Michelle	Snowden	Bowie State University	What Age Is Too Young To Teach Children Computer Programming?
3	Meeting Room 7	33	Janne	Taylor	Texas Southern University	Wireless Sensor Network on the Novel Remote Laboratory Unified Framework
3	Meeting Room 7	34	Nathaniel	Taylor	Bowie State University	Network Element Error Spread Prediction in Multichannel Telecommunication

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4	Meeting Room 7	51	Mychal	Thomas	Alabama A&M University	Development of Piezoelectric Coupled Cantilever Structure Energy Harvester
3	Meeting Room 14	70	Julaunica	Tigner	Tuskegee University	The Investigation of Glassy Carbon and Carbon Nanofiber (CNF) Electrodes for the Detection of Glucose
3	Meeting Room 14	63	Andrew	Tsoi	University of Colorado Boulder	Aeroelasticity Modeling using Galerkin and Finite Element Method
3	Meeting Room 4	20	Crystal	Valdez	University of California, Los Angeles	Metal-dependent Activity of Fe <sup>2+</sup> and Ni <sup>2+</sup> Acireductone Dioxygenases
3	Meeting Room 4	23	Marquita	Watkins	Jackson State University	Estimation of Melting Points of Bromo- and Chloro- Congeners of POPs
3	Meeting Room 9	39	Diana	Zamora-Reyes	University of Arizona	Flood Heterogeneity as a Tool for Exploring Flood Frequency-Climate Linkage