

Poster #	Session #	Primary Author First Name	Primary Author Last Name	Primary Author's Institution:	Abstract Title:
16	2	Jaquelina	Alvarez	University of Puerto Rico - Mayaguez	Web Tool to Manage Data Related to Broader Impact at Nanotechnology Center
49	1	Messaoud	Bahoura	Norfolk State University, Norfolk, VA	Education Outreach Partnerships Between NSU and the Children's Museum of VA
28	2	Maruthi Sridhar	Balaji Bhaskar	Texas Southern University	Spatial and Seasonal Patterns of Metal Contamination at Watershed Scale
33	1	Rami	Bommareddi	Alabama A&M University	Design of Nanostructures for Energy Efficient Devices
50	2	Hacene	Boukari	Delaware State University	Optical Spectroscopy and Interactive Data Mining for Identification of Biomolecules in Complex Media and Nitrogen-Vacancy Centers in Nanodiamonds
38	2	Arnold	Burger	Fisk University	CREST Center for Biological Signature and Sensing
8	2	Kimberley	Cousins	California State University San Bernardino	Greater than a Sum of its Parts: Synergisms through the CREST Center

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

Poster #	Session #	Primary Author First Name	Primary Author Last Name	Primary Author's Institution:	Abstract Title:
29	1	Todd	Crowl	Florida International University	CREST CACHe: Center for Aquatic Chemistry and Environment
9	1	Steven	Damo	Fisk University	A glimpse of structural biology research at an HBCU
17	1	Debzani	Deb	Winston-Salem State University	Integrating Big Data and Cloud Computing Topics into CS/IT Curriculum
39	1	Mario	Diaz	University of Texas Rio Grande Valley	CGWA and the TOROS Project
34	2	Tandabany	Dinadayalane	Department of Chemistry, Clark Atlanta University, Atlanta, GA	Computational Investigation of the Binding of Tyrosine and Phenylalanine with Graphene
51	1	Chang	Duan	Prairie View A&M University	Modeling and Control of An Under-Actuated Spherical Inverted Pendulum
45	1	Maurice	Edington	Florida A&M University	HBCU-UP Implementation Project: Student-Centered Active Learning and Assessment Reform (SCALAR) at Florida A&M University

Poster #	Session #	Primary Author First Name	Primary Author Last Name	Primary Author's Institution:	Abstract Title:
1	1	Lawrence	Flowers	Livingstone College	Examining the Integration of STEmployable Skills at HBCUs
18	2	Ann	Gates	University of Texas at El Paso	Cyber-Share: Advancing Interdisciplinary Research Using Cyber-Enhanced Approaches
19	1	Kinnis	Gosha	Morehouse College	Exploring Computing Careers Through a Virtual Career Fair Using Embodied Conversational Agents
10	2	Fenghai	Guo	Winston Salem State University	Development of Rhodium Catalyzed Carbon-Carbon Bond Formation in the Synthesis of Bipyridines
30	2	Buddhi	Gyawali	Kentucky State University	Students Participation in STEM Education and Research Programs at Kentucky State University
46	2	Marie	Hammond	Tennessee State University	Increasing Commitment and Retention in STEM: The Application of Research and Theory on Diversity and Career Development
20	2	David	Heise	Lincoln University	Computational Research on Music and Audio (CRoMA): Year Two Review

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

Poster #	Session #	Primary Author First Name	Primary Author Last Name	Primary Author's Institution:	Abstract Title:
52	2	Mahesh	Hosur	Tuskegee University	CREST: Center of Excellence in Nanobiomaterials Derived from Biorenewable and Waste Resources
40	2	Ayivi	Huisso	Florida Memorial University	Fluctuations of Transport Coefficients in the Van Hove limit: Quantum 1/f Noise
21	1	Sajid	Hussain	Fisk University	Transforming Computer Science Education Using 'Upside Down' Curriculum, Course-Embedded Projects, Integration With Other STEM disciplines, and Peer Me
11	1	Ishrat	Khan	Clark Atlanta University	NSF CREST: Center for Functional Nanoscale Materials at Clark Atlanta University
12	2	Jerzy	Leszczynski	Jackson State University	Interdisciplinary Nanotoxicity CREST Center
32	2	Qingxia	Li	Fisk University	Integrated Case Studies in Teaching Introductory College Level Mathematics Courses
2	2	Lee	Limbird	Fisk University	Transformative Impact of Fisk University Implementation Award on STEM Learning and Research Efficacy While Revealing Key Infrastructure Needs

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

Poster #	Session #	Primary Author First Name	Primary Author Last Name	Primary Author's Institution:	Abstract Title:
3	1	Jana	Marcette	Harris-Stowe State University	TIP: Boosting Biology with a Freshman Seminar and Classroom-Based Research
4	2	Chad	Markert	Winston Salem State University	Regenerative Medicine: A Vehicle to Infuse Laboratory-Bench STEM Modules Into the Exercise Physiology Curriculum
41	1	Prabhakar	Misra	Howard University	TARGETED INFUSION PROJECT: Enhancement of the Undergraduate Physics Program in the Department of Physics and Astronomy at Howard University
5	1	Brian	Nelms	Fisk University	The Transcription Factor FKH-8 is Required for Dopamine and BAG Neuron Function
13	1	Maria	Ngu-Schwemlein	Winston-Salem State University	Enhancing Undergraduate Research Experience in the Chemistry Curriculum
53	1	Arturo	Pacheco-Vega	California State University-Los Angeles	Parametric Analysis of Membraneless Fuel Cells
6	2	Carleitta	Paige-Anderson	Virginia Union University	Virginia Union University Undergraduate Research Training Program in the Biological Sciences

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

Poster #	Session #	Primary Author First Name	Primary Author Last Name	Primary Author's Institution:	Abstract Title:
54	2	Xiaobo	Peng	Prairie View A&M University	Improving Students' Learning in Computer-Aided Design Using Peer-Generated Screencast
22	2	Enrico	Pontelli	New Mexico State University	iCREDITS: Creating a Research Nexus in Smart Grids and Smart Energy Management
23	1	Lijun	Qian	Prairie View A&M University	Multiscale Drug Effects Modeling using Applied Systems Pharmacology
24	2	Mahmudur	Rahman	Morgan State University, Baltimore, MD	An Online Annotation Tool for Ground Truth Generation in Medical Imaging
55	1	Subramanian	Ramakrishnan	Florida A&M University	Targeted Infusion Project: Enhancement of Materials Science Education Through Active Learning at Florida A&M University
42	2	Mukti	Rana	Delaware State University, Dover, DE	CREST at DSU - Success with Student Mentoring, Research and Sustainability
35	1	Vijaya	Rangari	Tuskegee university	Influence of Biogenic Nano Silica-Carbon Hybrid on Thermo-Mechanical Properties of Biodegradable Polymer

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

Poster #	Session #	Primary Author First Name	Primary Author Last Name	Primary Author's Institution:	Abstract Title:
25	1	Jamaal	Roby	Texas Southern University	Test-Bed for Wireless Rechargeable Sensor Networks via Unmanned Vehicles
56	2	Ghasem	Shahbazi	North Carolina A&T State University	A Biomass-to-Liquid Fuel Refinery based on Gasification and Fischer-Tropsch Synthesis
26	2	Sharad	Sharma	Bowie State University	Virtual Reality Instructional Modules (VRI) Modules for Introductory Programming
31	1	Bernard	Singleton	Dillard University	Analysis of the 2015 Santa Barbara Oil Spill vs. 2010 BP Gulf Oil Spill
36	2	Maria	Tamargo	City College of New York and the Graduate Center of CUNY, New York, NY	CREST Center for Interface Design and Engineered Assembly of Low Dimensional Systems
47	1	Carlene	Turner	Norfolk State University (NSU)	Infusing Cybersecurity Into Sociology and Criminal Justice Curriculum at Norfolk State University
7	1	Melanie	Van Stry	Lane College	Phylogenetic Analysis of RuBisCO: An Active Learning Strategy for Teaching Plant Evolution

Poster #	Session #	Primary Author First Name	Primary Author Last Name	Primary Author's Institution:	Abstract Title:
48	2	Angelino	Viceisza	Spelman College	Using Eye-Tracking to Study Behavioral Determinants and Welfare Effects of Migrant Remittances
43	1	Branislav	Vlahovic	North Carolina Central University	CREST Phase II: Computational Center for Fundamental and Applied Science and Education at North Carolina Central University (CCFASE)
44	2	Donald	Walter	South Carolina State University	TIP: Four Years of a Physics Partnership
57	1	Yachi	Wanyan	Texas Southern University	Integrating Artificial Intelligence into Undergraduate Engineering Curriculum by Problem-Based Learning Approach
14	2	Leyte	Winfield	Spelman College	A Community Affair: Mastering Skills in Organic Chemistry II
37	1	Hargsoon	Yoon	Norfolk State University	Enhancement of Research Infrastructure for the Development of Nanoelectromechanical Systems Devices and Materials
27	1	Xiaohong	Yuan	North Carolina A&T State University	Teaching Secure Coding for Android Application Development

Poster #	Session #	Primary Author First Name	Primary Author Last Name	Primary Author's Institution:	Abstract Title:
58	2	Shaik	Zainuddin	Tuskegee University	HBCU RIA: Enhancement of Research and Education in Computational Nanomechanics and Nanoscale Testing at Tuskegee University
15	1	Feimeng	Zhou	California State University Los Angeles	Center for Energy and Sustainability (CEaS): Development of a Premier Research Center at California State University Los Angeles

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