

NCSSMST 2009 Professional Conference - Concurrent Sessions and Workshops

Thursday	Administration	Connections	Engineering, Technology, CS	General Interest
Session 1 8:30-9:25	Issues for New and Emerging STEM Schools Salon A		Bring Math and Science to Life through Engineering and Technology Salon G	Tapping the Brain's Funny Bone: Classroom Applications Salon B NCSSM Goes Online!! Salon C Green Schools: Educating the Sustainability Native Salon F To Protect and Search: Digitizing Student Research for the Web Jackson

Session 2 9:35-10:30		Youth Policy Summit - Blending Science and Policy Salon C Connecting Through NCSSMST.ORG Jackson Panel: From AP to PC - Changing the Way STEM is Taught Salon A	Teaching DIRT - Digital Information Research Technology Salon D	A Whole New Mind for a Whole New School Salon F Developing Specialized Courses for the NCSSM Online Program Salon B
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Workshop 2 & 3 9:35-11:35				Where There's A Brain, There's A Way: Enriching the Brains of STEM Learners - I and II Salon E
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Session 3 10:40-11:35	Lessons Learned in the First Two Years Salon D How Can Your School Benefit from the College Board's Diversity Opportunities? Salon A	The Drexel Summer Mentorship: Program, Faculty, Success Stories Salon B	New Media in the Classroom: Creating a Technological Platform to Launch Student Work Lee	Multi-User Virtual Environments: Do We Need An Educational Second Life? Jackson
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11:45 a.m.-12:45 p.m. Lunch Buffet, Salon HJK

12:45-1:45 p.m. Keynote: Lester Brown

Session 4 1:55-2:50	Minority Student Success: The Role of Schools Like Ours Salon B	Cogito.org: An Online Community for Gifted STEM Middle and High School Students Jackson Affiliate Roundtable Salon G	Two of a Kind: Architecture and Product Design at HSMSE Salon C	Florida Governor's School Pilot Summer Academy for Gifted Students: What We Learned. Salon A
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Workshop 4 & 5 1:55-3:55				The Role of Psychology in Developing Talent - I and II Jefferson
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Session 5 3:00-3:55		Affiliate Meeting Salon G	Computer Science in High School, College, and Beyond Salon B	The Death of PowerPoint? Salon A
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4:00-6:00 p.m. Reception - Grand Ballroom Foyer Affiliate College & Organizations Table Affair "Meet & Greet" Light Hors D'oeuvres & Cash Bar				Changing Mindsets: Framing and Bridging Science, Art and Humanities Salon C Growing Our Own - Great STEM Students Just Don't Happen Salon D
6:00-6:30 p.m. Salon HJK Keynote: U.S. Representative Bill Foster				Supporting Student Success: A Program to Assist with Improving Retention and Identifying Potential Areas of Concern Jackson

Humanities	Mathematics	Science
<p>Potter, Plato and Aristotle: Teaching the Fundamentals of Western Philosophy Salon D</p> <p>Dragging Lee and Grant into the Blogosphere: Using Web 2.0 Tools for Primary Source Document Research and Writing Jefferson</p>		<p>FACES: An Investigation of Facial Reconstruction to Establish Human Identity Salon E</p> <p>The Stem Cell Research Program at BCA Lee</p>
<p>Ciencias en Español: Using Content to Teach and Reinforce Language Communication Skills Jefferson</p> <p>Space Technology to Enrich the Humanities Lee</p>	<p>Generating Knowledge and Passion for Mathematics through Modeling Salon G</p>	
<p>World Languages and Classics for the STEM Student Salon G</p>	<p>An Introduction to Axiomatic Geometry: Exposing Students to Advanced Mathematics at an Early Age Salon F</p>	<p>Applying Epidemiologic Concepts in the High School Classroom Salon C</p> <p>Science Policy on the Macro and Micro Level: Applying Science to Change the World Jefferson</p>
<p>Teaching the Scientific Method in the Social Science Classroom Salon E</p> <p>Great Minds Think Alike: Artist and Scientist Madison</p>	<p>Prove It: How an Introduction to Formal Logic in the Geometry Classroom Can Improve Student Proof Technique Salon F</p>	<p>Scientific Inquiry in AP Chemistry for the Inquiry-Challenged Salon D</p> <p>Post-AP Genetics: An Advanced Elective Emphasizing Hands-on Laboratory Investigations Lee</p>
<p>Rubric-Based Writing Program for American Studies and Core English Courses Lee</p>	<p>Advanced Mathematical Techniques: A Hybrid STEM Course Salon E</p>	<p>Independent Studies in Computational Biology via Remote Conferencing Software Salon F</p>

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8:30-9:50 p.m. Salon HJK Keynote: Scott Gaudi & Annual Business Meeting

Saturday	Administration	Connections	Engineering, Technology, CS	General Interest
Session 1 10:00-10:55	STEM Student Summer Programs Alexandria	Government and Politics Roundtable: Advocating for STEM Education Salon G	Problem-Based Learning 101 for Computer Science Salon E	Combating Junior Year Fatigue and Senioritis McLean
	Technology Training Using Captivate: Reaching More Teachers More Quickly Jefferson			Using Co-Teaching to Enhance STEM Education Jackson
Session 2 11:05-12:00	Close Your Eyes and Visualize: Developing an MST Academy During Dire Economic Times Salon C	A Plan for Leveraging Articulation Agreements into Partnerships McLean	Shortage of Engineering Teachers? Try Student-Run Engineering Modules Salon E	Alumni Foundations: Sustaining Excellence at NCSSSMST Schools Alexandria
	Your IRB and its Role in Institutional Research, Student Research, Monitoring Researchers, and Safeguarding Research Subjects Salon F			New Developments in the Study of Plagiarism Jackson

Humanities	Mathematics	Science
American Deja Vu: A Thematic Approach to History Salon D	The Correlation Coefficient: What It Does Mean and What It Doesn't Mean Salon C	Advanced Chemistry Labs Salon F Internal Clockwork Contributing to Success of IBET Program Lee

Using United Nations Simulations to Teach Social Studies Salon D	Teaching TI 83/84 Programming in Your Math Class Jefferson	An Interdisciplinary, Multi-Class, Multi-Day Activity on Global Climate Change Salon G School/Local/Global/Universal: Utilizing all Scales to Teach AP Environmental Science Lee
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