

Mathematical Association of America
 MD-DC-VA Section, October 26 & 27, 2012
 Virginia Military Institute
 Schedule of Speakers

Friday, October 26

Friday meet-and-greet for Section NExT will be held in the Executive Dining Room, Moody Hall.

Time	Location	Event
2:30 – 3:50	Library, Moody Hall	Section Officers Meeting
4:00 – 6:00	119 Mallory Hall	Workshop: <i>Creating Models to Explore Hyperbolic Geometry</i> Caren Diefenderfer Jan Minton Hollins University Roanoke College
6:00 – 7:00	Lobby, Moody Hall	Registration
6:00 – 7:00	Activities Room Moody Hall	Reception Refreshments and Cash Bar
7:00 – 8:00	Activities Room Moody Hall	Welcoming Remarks Brigadier General Wane Schneiter, Dean of the Faculty Virginia Military Institute Banquet Dinner
8:00 – 9:00	Activities Room Moody Hall	Banquet Address: <i>Hyperbolic Crochet Coral Reef Comes to Southwest Virginia</i> Caren Diefenderfer Jan Minton Hollins University Roanoke College

Schedule of Speakers

Saturday, October 27

Saturday activities for Section NExT will be held in Mallory Hall 213.

Time	Location	Event
8:30 – 12:00	Lobby Moody Hall	Registration
8:30 – 3:30	Library Moody Hall	MAA Book Sale
8:30 – 3:30	Lobby Moody Hall	Richmond Teacher Residency Program Information Table
8:30 – 9:20	Third Floor Mallory Hall	Coffee/Tea/Water
8:50 – 11:30	211 Mallory Hall	Virginia Tech Regional Mathematics Contest for Students
8:50 – 9:10		Contributed Papers, Session 1
	312 Mallory Hall	Ilhan Izmirli, George Mason University <i>An Elementary Proof of Mean Inequalities</i>
	313 Mallory Hall	Wendy Hageman Smith, Longwood University <i>How Does Applying A Constructivist Theory of Teaching Affect Student Outcomes and Attitudes in the Post-Secondary General Education Math Class?</i>
	412 Mallory Hall	Jennifer Galovich, St. John's University and the College of St. Benedict <i>The Thesis that Wasn't</i>
	413 Mallory Hall	Abdinur Ali, Norfolk State University Mushtaq Khan, Norfolk State University <i>Mathematical Aspects of Electromagnetic Band Gaps</i>
9:15 – 9:35		Contributed Papers, Session 2
	312 Mallory Hall	Matthew Willis, Hampden-Sydney College <i>Analyzing Sets of Demazure Tableaux and their Convexity</i>
	313 Mallory Hall	James Cook, Liberty University <i>Where Did the "x" Come From?</i>
	412 Mallory Hall	Troy Siemers, Virginia Military Institute <i>Becoming an Applied Mathematician</i>
	413 Mallory Hall	Eve Torrence, Randolph-Macon College <i>Models of Icosahedra</i>
9:45 – 10:55	Activities Room Moody Hall	Welcoming Remarks Colonel Troy Siemers Chair of Mathematics Department, Virginia Military Institute Invited Address: <i>Quantum Information: An Ongoing Research Program with Undergraduate Students</i> David Lyons Lebanon Valley College

Schedule of Speakers

11:05 – 11:25		Contributed Papers, Session 3
	312 Mallory Hall	Thomas Sibley, St. John's University and the College of St. Benedict <i>Puzzling Groups</i>
	313 Mallory Hall	Dimplekumar Chalishajar, Virginia Military Institute <i>Multiple ways of Solving Higher Order Differential Equations</i>
	412 Mallory Hall	D. Brian Walton, James Madison University <i>Using WeBWork Online Assignments to Build Student Understanding</i>
	413 Mallory Hall	Barb Freeman, Poquoson High School <i>The Wheels on the Bus</i>
11:30 – 11:50		Contributed Papers, Session 4
	312 Mallory Hall	Ezra "Bud" Brown, Virginia Tech <i>The Symmetries of (7,3,1)</i>
	313 Mallory Hall	Lydia Kennedy, Virginia Wesleyan College <i>An Algebra with Characteristic Dependent Associativity</i>
	412 Mallory Hall	Gregory Hartman, Virginia Military Institute <i>APEX Calculus: A Progress Report</i>
	413 Mallory Hall	Edwin O'Shea, James Madison University <i>Hurrah for the Daily Quiz!</i>
12:00 – 1:00	Lounge Moody Hall	LUNCH
1:10 – 1:55	Activities Room Moody Hall	Meeting of the General Membership
2:05 – 3:05		Breakout Session (Choice of Invited Event)
	Activities Room Moody Hall	Invited Forum: A Forum on the Status of Mathematics Education: A Conversation in Solutions Randy Cone Virginia Military Institute
	Board Room Moody Hall	Invited Mini-Workshop: How to Win an Election Without Really Trying Jeff Suzuki Brooklyn College
3:00 – 4:00	Lobby Moody Hall	Coffee/Tea/Water
3:15 – 3:35		Contributed Papers, Session 5
	212 Mallory Hall	Student: Mark Verdi, American University <i>Properties of Polynomials with Closed Lill-paths</i>
	213 Mallory Hall	Student: April-Nicole Smith, Virginia State University Student: Dustin Robinson, Virginia State University <i>Translates of Perfect Polygons and Geometric Triple Systems</i>
	312 Mallory Hall	Maila Brucal Hallare, Thomas Nelson Community College <i>Undergraduate Explorations: Lattice Differential Equations</i>
	313 Mallory Hall	Karin Saoub, Roanoke College <i>Graph Theory as a General Education Course</i>

Schedule of Speakers

	412 Mallory Hall	Bob Sachs, George Mason University <i>Half of All 2×2 Real Matrices Have Real Eigenvectors</i>
	413 Mallory Hall	David Shoenthal, Longwood University <i>Arms Race Examples in Intro ODEs</i>
3:40 – 4:00		Contributed Papers, Session 6
	212 Mallory Hall	Student: Michael Mudarri, Hood College <i>Constructive Proof of the Cubic Case of Kronecker-Weber</i>
	213 Mallory Hall	Student: Carson Wang, University of Virginia Student: Hope Gibbs, Virginia State University <i>Midsets of Perfect Polygons as Geometric Triple Systems</i>
	312 Mallory Hall	Marcus Pendergrass, Hampden-Sydney College <i>Two Musical Orderings</i>
	313 Mallory Hall	David Clark, Randolph-Macon College <i>Geometric Topology for Liberal Arts Majors</i>
	412 Mallory Hall	Caroline Grant Melles, United States Naval Academy <i>What is a Berkovich Curve?</i>
	413 Mallory Hall	Chris Lee, Roanoke College <i>Technology in a Mathematics Classroom: Tablet PC's, Moodle Integration, and Mathematica</i>
4:05 – 4:25		Contributed Papers, Session 7
	213 Mallory Hall	Student: Minh Nguyen, Liberty University <i>A Concurrency of Five Lines</i>
	312 Mallory Hall	Wayne Dymacek, Washington and Lee University <i>Playing at Mathematics: A Course on the Mathematics of Puzzles and Games</i>
	313 Mallory Hall	Amy Shell-Gellasch, Hood College <i>History the Hood Way</i>
	412 Mallory Hall	Larry Lehman, University of Mary Washington <i>Suborders of Quadratic Polynomials Modulo Primes</i>
	413 Mallory Hall	Heidi Hulsizer, Hampden-Sydney College <i>Mathematics in Call of Duty: Black Ops?</i>