

Mathematical Association of America
 MD-DC-VA Section, April 13-14, 2012
 Stevenson University, Owings Mills Campus
 Schedule of Speakers

Friday, April 13

Time	Location	Event
2:30 – 3:45	TBA	Section Officers Meeting
4:00 – 6:00	Rockland Center A	Workshop: <i>Closer to Fair: Social Justice in Mathematics, Mathematics for Social Justice</i> David Kung St. Mary's College of Maryland
6:00 – 7:00	Rockland Center 2 nd floor lobby	Registration
6:00 – 7:00	Rockland Center 2 nd floor lobby	Reception
7:00 – 8:00	Rockland Center Banquet Room	Welcoming Remarks VIP Stevenson University Banquet Dinner
8:00 – 9:00	Rockland Center Banquet Room	Banquet Address: <i>Mathematical Recreations and the History of American Mathematics</i> Peggy Aldrich Kidwell Smithsonian Institute

Schedule of Speakers

Saturday, April 14

Saturday activities for Section NExT will be held in Brown School of Business 301.

Time	Location	Event
8:00 – noon	Brown School of Business 2 nd floor lobby	Registration
8:00 – 9:00	Brown School of Business 2 nd floor lobby	Coffee/Tea/Water
8:00 – 3:30	Brown School of Business 2 nd floor lobby	MAA Book Sale
8:20 – 8:40	Brown School of Business	Contributed Papers, Session 1
	302	Melanie Butler, Mount St. Mary's University <i>Using Service Learning in Mathematics Courses</i>
	303	Student: Angela Rose, Salisbury University Student: Erika Gerhold, Salisbury University <i>Anamorphic Art with a Tilted Cylinder</i>
	304	Kathryn Linehan, Montgomery College <i>Singular Value Decomposition and Cool Applications</i>
	305	Student: Ke Shang, Hampden-Sydney College <i>Mathematical Analysis and Synthesis of Musical Waveforms</i>
	307	Student: Alexia Gourley, Christopher Newport University <i>Structure Constants of $U(\mathfrak{sl}_2)$</i>
8:45 – 9:05	Brown School of Business	Contributed Papers, Session 2
	302	Student: Jared Meadows, Roanoke College <i>Something About Not Knowing What Game You Are Playing</i>
	303	Student: Matthew Villemarette, Marymount University <i>A Stochastic Model of the Spread of Cholera</i>
	304	David Carothers, James Madison University <i>Every Proof is a Proof by Picture (In honor of G. Edgar Parker on the occasion of his retirement.)</i>
	305	Student: Erik Schafer, Hampden-Sydney College <i>Musical Rendering of Mathematical Objects</i>
	307	Caren Diefenderfer, Hollins University <i>MAA Tensor and Dolciani Grant Programs</i>
9:10 – 9:30	Brown School of Business	Contributed Papers, Session 3
	302	Ezra Brown, Virginia Tech <i>Sums of eight squares, the octonions, and $(7,3,1)$</i>
	303	Student: Sophie Gorman, The Catholic University of America <i>Geometrical Representation of Election Results</i>
	304	

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	305	Student: Jay Strosnider, Hampden-Sydney College <i>Non Odd-Weighted Payoffs in the Path-Guessing Game</i>
	307	Jerome Dancis, University of Maryland <i>Needed courses, with Stress On Analytical Reasoning (SOAR)</i>
9:45 – 11:00	Rockland Center Banquet Room	Welcoming Remarks VIP Stevenson University Invited Address: <i>Cracking the Cubic: Cardano, Controversy, and Creasing</i> Alissa Crans Loyola Marymount
11:10–12:00	Rockland Center Banquet Room	Meeting of the General Membership
11:10–11:50	Brown School of Business 1 st floor lobby	Radical Dash Teams 1st meeting
12:15 – 1:00	Rockland Center Marketplace	LUNCH
1:00 – 2:00	Brown School of Business Pugh Courtroom	Student Jeopardy Competition
2:00 – 3:00	Brown School of Business 2 nd floor lobby	Coffee/Tea/Water
2:15 – 2:35	Brown School of Business	Contributed Papers, Session 4
	302	James Parson, Hood College <i>Ye Olde Fundamental Theorem of Algebra</i>
	303	Brian Heinold, Mount St. Mary's University <i>Some bizarre mathematical images</i>
	304	Students: Mark Lotts, Randolph-Macon College <i>Structure and randomness of the discrete Lambert map</i>
	305	Students: Michael Donders, McDaniel College <i>Independence of Colorings on Graphs</i>
	307	Betty Mayfield, Hood College Jon Scott, Montgomery College <i>Digging up the History of our Section</i>
2:40 – 3:00	Brown School of Business	Contributed Papers, Session 5
	302	Gregory Hartman, Virginia Military Institute <i>APEX Calculus: A Progress Report</i>
	303	Laura Taalman, James Madison University <i>16 is not enough: The minimal-clue conjecture for Sudoku</i>
	304	Laxman Hegde, Frostburg State University <i>Correspondence Analysis</i>
	305	Student: Alicia Velek, York College of Pennsylvania

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		Student: Samantha Tabackin, York College of Pennsylvania <i>A Classification of Quadratic Rook Polynomials</i>
	307	Wendy Hageman Smith, Longwood University <i>The Impact of Post-Secondary Teaching Methods in Gen-Ed Math Courses</i>
3:05 – 3:25	Brown School of Business	Contributed Papers, Session 6
	302	Daniel Joseph, Virginia Military Institute Gregory Hartman, Virginia Military Institute <i>Focally Reflective Curves</i>
	303	Student: Aaron Chotikul, Towson University <i>Using Celtic Artwork to Introduce Knot theory in a Secondary Ed Class</i>
	304	Jeff Suzuki, Brooklyn College <i>Occupy Phase Space: The Mathematics of Dissent and Suppression</i>
	305	Student: Nathan Werth, York College of Pennsylvania <i>A Ring of Fibonacci Numbers</i>
	307	Gwyneth Whieldon, Hood College <i>How Does the Postal Service Sort Mail?</i>
3:35 – 4:30	Brown School of Business Pugh Courtroom	Invited Address: How Math Made Modern Music Mad Irrational David Kung St. Mary's College of Maryland
4:35 - 4:55	Brown School of Business Pugh Courtroom	Undergraduate Prize Session Including Radical Dash