Mathematical Association of America
MD-DC-VA Section, November 4 & 5, 2011
Christopher Newport University
Schedule of Speakers

Friday, November 4

Time	Location	Event
2:30 – 3:45	Madison Room David Student Union (DSU)	**Section Officers Meeting**
4:00 – 6:00	Board Room David Student Union (DSU)	**Workshop:** *Undergraduate Investigations in Graph Theory and Knot Theory* **Robin Blankenship** Morehead State University
6:00 – 7:00	2nd floor Lobby David Student Union (DSU)	**Registration**
6:00 – 7:00	Ballroom David Student Union (DSU)	**Reception** Refreshments and Cash Bar
7:00 – 8:00	Ballroom David Student Union (DSU)	**Welcoming Remarks** **VIP** Christopher Newport University **Banquet Dinner**
8:00 – 9:00	Ballroom David Student Union (DSU)	**Banquet Address:** *Quasicrystals: a Mathematical Goldmine* **Marjorie Senechal** Smith College

Saturday, November 5

Saturday activities for Section NExT will be held in 3014 Forbes Hall.

Time	Location	Event
8:15 – noon	Lobby Forbes Hall	**Registration**
8:15 – 9:00	Forbes Hall	**Coffee/Tea/Water**
8:15 – noon	Lobby Forbes Hall	Ann Cherry **Richmond Teacher Residency**
8:15 – 3:30	Lobby Forbes Hall	Jon Scott **MAA Book Sale**
8:50 – 9:10		**Contributed Papers, Session 1**
	2012 Forbes Hall	George DeRise, Thomas Nelson Community College (retired) *The Shape of Inner Space*
	2015 Forbes Hall	Chiru Bhattacharya, Randolph -Macom College *Which groups have reversible PTAs?*
	2058 Forbes Hall	Keith Mellinger, University of Mary Washington *Developing Problem Solving Skills*
	3012 Forbes Hall	Alex Meadows, St. Mary's College of Maryland *Can Soap Bubbles help me clean up my Photographs?*
9:20 – 10:30	1022 Forbes Hall	**Welcoming Remarks** **VIP** Christopher Newport University **Invited Address:** *The Many Names of (7,3,1) and the Unity of Discrete Mathematics* **Ezra "Bud" Brown** Virginia Tech
10:45 – 11:05		**Contributed Papers, Session 2**
	2012 Forbes Hall	Emek Kose, St. Mary's College of Maryland *Vector Fields and Differential Forms for Optical Design*
	2015 Forbes Hall	Don Spickler, Salisbury University *Linear: Maxima Edition*
	2058 Forbes Hall	Kira Hamman, Penn State Mont Alto *Blogging for Quantitative Literacy*
	3012 Forbes Hall	Brian Heinold, Mount St. Mary's University *Iterating the Complex Logarithm*
11:10 – 11:30		**Contributed Papers, Session 3**
	2012 Forbes Hall	Raymond Fletcher III, Virginia State University *Perfect Hexagons, Elementary Triangles and the Center of a Cubic Curve*
	2015 Forbes Hall	Ilhan Izmirli, George Mason University *Experimental Mathematics as a Pedagogical Tool*
	2058 Forbes Hall	Laura Taalman, James Madison University *Homework is Dead. Long live Homework.*
	3012 Forbes Hall	Gregory Hartman, Virginia Military Institute *Writing a Collaborative, Open Source Calculus Book*

11:35 – 11:55		**Contributed Papers, Session 4**
	2012 Forbes Hall	Brant Jones, James Madison University *Solitaire Mancala Games*
	2015 Forbes Hall	*Minah Oh, James Madison University* *An Applied Project for Linear Algebra Students: The Finite Element Method*
	2058 Forbes Hall	Betty Mayfield, Hood College *A History of Math Course for Teachers*
	3012 Forbes Hall	James Parson, Hood College *The Farey Approach to Elementary Number Theory*
12:00 – 1:00	Ballroom David Student Union (DSU)	**LUNCH**
1:10 – 1:55	1022 Forbes Hall	**Meeting of the General Membership**
2:00 – 2:55	1022 Forbes Hall	**Invited Address:** *Exhilaration and Consternation: Adventures in Conducting Undergraduate Research* **Robin Blankenship** Morehead State University
3:00 – 4:00		**Coffee/Tea/Water**
3:00 – 3:20		**Contributed Papers, Session 5**
	2012 Forbes Hall	David Clark, Randolph-Macon College *Guesses, Metrics and Basketball*
	2015 Forbes Hall	James Blowers, US Army CASCOM (retired) *There is No Simple Group of Order __*
	2058 Forbes Hall	Student: Catherine O'Doherty, University of Mary Washington *Explanation of the Matrix Exponential*
	3012 Forbes Hall	Student: Ashley Marzzarella, Christopher Newport University *Digital Calculus*
	3014 Forbes Hall	Gwyneth Whieldon, Hood College *Coefficients of Waring's Problem*
3:25 – 3:45		**Contributed Papers, Session 6**
	2012 Forbes Hall	Jeffrey Steckroth, Christopher Newport University *A graphical Investigation of the AC Method of Factoring*
	2015 Forbes Hall	Jerome Dancis, University of Maryland *Algebra Avoidance in High School Math and Science*
	2058 Forbes Hall	Student: Kelly Scott, University of Mary Washington *Anti-blocking Sets*
	3012 Forbes Hall	Student: David Darwin, Randolph-Macon College *Solving for Constants of Number Derivatives on the Integers modulo n*
	3014 Forbes Hall	Student: Ryan Vaughn, University of Mary Washington *On the Contractibility of Finite coH-Spaces*