

*Good Ideas in Teaching Precalculus and...*  
**March 16, 2007**

**First Timers Session: 8:00 - 8:15, Room 209**

Precalculus		Calculus	Algebra & Geometry	Discrete Mathematics	Statistics	Applications	Assessment	General	General	Mathematics & Technology
Session I 8:30 to 9:20	<b>Herkimer &amp; Alworth</b>  “Transforming” How We Teach Graphing in Alg I/II & Precalculus  Room 209	<b>Alfred</b>  A Spring Basket of Neat Problems in Calc I & Calc II  Room 208	<b>Gennett</b>  Making Kaleidoscopes Using Geometer’s Sketchpad (and Not)  Room 202	<b>Merges</b>  Pascal’s Triangle and Tetrahedron  Room 203	<b>Landwehr</b>  Statistics and Math: A Happy Marriage or a Path to Divorce?  Room 204	<b>Killion</b>  Timing the Stock Market with Trigonometry and Calculus  Room 205	<b>Kowski</b>  Learning Beyond the Textbook: Creative Precalculus Projects  Room 210	<b>Richman</b>  Brain-Based Study Strategies to Help Students Succeed on Exams Room 206	<b>Weksler</b>  TAPPED IN–An Online Environment for Teacher Professional Development Room 221-A (Computer Lab: <i>Limited to 20 participants</i> )	<b>Husain</b>  Math with Creative Designs on a TI-83, 84, 89 & Voyage 200  Room 207
Session II 9:30 to 10:20	<b>Schuloff</b>  Very Strange Ellipses  Room 202	<b>Gulick</b>  Daily Assessments in A.P. Calculus  Room 209	<b>Cranwell, Gaffney &amp; McCarthy</b>  How Geometer’s Sketchpad Has Changed Our Classrooms  Room 203	<b>Schiffman</b>  The Figurate Numbers–Exploring Patterns  Room 204	<b>Kiessling</b>  Using PowerPoint to Teach a Statistics Class  Room 218	<b>Decovsky</b>  Using the APPS Key on the TI-83+/84+  Room 205	<b>O’Callaghan &amp; O’Reilly</b>  Representation on the SAT Mathematics Test  Room 208	<b>Berkowitz</b>  The Sixth Sense: Number Sense  Room 206	<b>Steinberg</b>  Using Differentiated Instruction in Geometry: The Key for Success  Room 207	<b>Hanna</b>  Using TI-Navigator in Precalculus  Room 210
Sharing Session 10:30 to 11:05	What to Keep & What to Leave Out of Algebra & Geometry  Room 202	What to Keep & What to Leave Out of Calculus & Precalculus Rm 209 (last names A-L) Rm 203 (last names M-Z)	Veterans Share with Newer Teachers Ideas that Work  Room 218	Alternative Assessment in Algebra & Geometry Classes  Room 204	Alternative Assessment in Calculus & Precalculus Classes  Room 210	Keeping Algebra Skills Fresh While Taking Geometry  Room 205	What Are the Characteristics of a Good Precalculus Exam?  Room 206	Strategies for Undoing Common Student Mistakes  Room 207	Preparing High School Students for College Math  Room 208	
11:10-12:15	Plenary Session: “Bringing NUMB3RS into your Classroom” – Chuck Biehl, The Charter School of Wilmington (DE) & Bro. Patrick Carney, DePaul Catholic High School (Wayne, NJ) <b>HILL CENTER ROOM 114</b> ( <i>bldg. next door....greater seating capacity....follow signs &amp; staff</i> )									
12:15-1:10	Lunch - Multipurpose Room, Busch Student Center ( <i>walking directions are in the program information, in your folder</i> )									
Session III 1:15 to 2:05	<b>Pantozzi</b>  e: The True Hollywood Story  Room 209	<b>Schwartz, Andrew</b>  The A.P. Calculus Course Audit  Room 208	<b>Milou</b>  Integrated Standards-Based Mathematics in High School  Room 210		<b>DeMattia</b>  Big Ideas in Data Analysis  Room 202	<b>Wozniak &amp; Meeks-Manning</b>  Analyzing Weather Data Using a Graphing Calculator  Room 203	<b>Cooperman</b>  Don't Just Solve for “x”, Solve for “Why”!  Room 204	<b>Arguelles</b>  Using Data to Improve Your School's HSPA Math Performance  Room 206	<b>Schuenzel</b>  The Smarts on the SMART Board  Room 221-A (Computer Lab: <i>Limited to 20 participants</i> )	<b>Charischak</b>  Mathematics, Dynamic Software and Powerful Ideas!  Room 207
Session IV 2:10 to 3:00	<b>Schwartz, Robin</b>  Using “Parent Functions” as an Organizing Principle in Precalculus  Room 209	<b>Crombie</b>  The Critical Importance of Geometry for the Elementary Calculus  Room 202	<b>Salama</b>  The “Art” of Transforming Functions  Room 203	<b>Rosenstein</b>  The Utilities Problem and Planar Graphs  Room 204			<b>Smith</b>  Writing in the Math Classroom: Covering the Standards whilst Keeping Your Sanity  Room 206	<b>Schwartz, Charles</b>  Building Conway's Pencil Models  Room 207	<b>Zucco-Teveloff</b>  Motivating Students Using Web-Based Media  Room 221-A (Computer Lab: <i>Limited to 20 participants</i> )	<b>Hanna</b>  Using CAS in Precalculus  Room 210

**Recreational Math: 3:00 - 4:00, Room 209**