

*Good Ideas in Teaching Precalculus and...*  
March 20, 2009

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

	Precalculus	Calculus	Algebra & Geometry	Probability & Statistics	Discrete Mathematics	Applications	Assessment & Policy	General	Mathematics & Technology	
<b>Session I</b> 8:30 to 9:20	<b>Marquez &amp; Westbrook</b> Teaching for Financial Literacy in Pre-Calc Room 202	<b>Leslie</b> Teaching Algebra to Future Calculus Students Room 203	<b>Azzolino</b> Term Tiles and Tokens for Algebra I and II Room 204	<b>DeMattia</b> Big Ideas in Probability and Statistics Room 205	<b>Ottman</b> An Hour with the Tower (of Hanoi): Using Multiple Approaches Room 206	<b>Biehl</b> Network Design and Special Right Triangles Room 207	<b>Cooperman</b> What is Alternative Assessment? It Is Not Just Assigning Projects! Room 209	<b>Hammett</b> Writing to Learn Precalculus: Sharing Ideas Room 217	<b>Charischak</b> Back to the Future: Teaching and Learning Math with Web 2.0 Tools Room 210	
<b>Session II</b> 9:30 to 10:20	<b>Thayer</b> Preparing Precalculus Students for Physics Room 202	<b>Schiffman</b> Addressing Students Misconceptions about Calculus Room 203	<b>Salama</b> The "Art" of Transforming Functions Room 204	<b>Schwartz</b> Collect All Four Room 205	<b>Merges</b> Pascal's Triangle and Tetrahedron Room 206	<b>Zucco-Teveloff</b> Using Web-Based Activities to Teach Earth Algebra Room 221A	<b>Riehs</b> The New New Jersey Mathematics Standards for Algebra I and Geometry Room 209	<b>Berkowitz</b> Mix it UP: Posing Questions that Draw on Multiple Topics Room 207	<b>Husaini</b> Visual Mathematics Room 210	
<b>Sharing Sessions</b> 10:30-11:05	Effective Use of Technology in Calc and Pre Calc Classes Room 202	What to Keep and What to Leave Out of Calculus and Precalculus A-L: Room 209 M-Z: Room 217	What Algebra and Geometry Topics are needed for Precalculus Room 203	Alternative Assessment in Alg and Geom Classes Room 210	Veterans Share with Newer Teachers how to Survive Room 204	Engaging Students Interest Room 205	How to Construct a Quality Test Room 216	What Comes After Algebra I and Geometry? Room 206	Strategies for Undoing Common Student Mistakes Room 207	Preparing High School Students for College Math Room 208
11:10-12:15	<b>Plenary Session: <i>It's Instruction, Silly: Making a Real Difference in Student Achievement</i> - Steven Leinwand, American Institutes for Research (AIR)</b> Room 111, SERC (on first floor, across from registration table area)									
12:15-1:10	<b>Lunch - Multipurpose Room, Busch Campus Center (Walking directions are in the program, in your folder)</b>									
<b>Session III</b> 1:15 to 2:05	<b>Carney</b> Putting the InTrigue Back in Trig Room 202	<b>Alfred</b> Relating Related Rates to Students Room 203	<b>Baker &amp; Segreto</b> Geometry Projects Using Geometer's Sketchpad Room 221A	<b>Weingart</b> The Monty Hall Paradox Room 205	<b>Hopkins</b> Understanding Pascal and Fibonacci with Cuisenaire Rods Room 206		<b>O'Callaghan &amp; O'Reilly</b> Equity and the SAT Mathematics Test Room 209	<b>Gold</b> Talking the Talk: Helping Students Learn the Language of College-Level Mathematics Room 207	<b>Decovsky</b> Introduction to Basic Graphing in the TI_Nspire Room 210	
<b>Session IV</b> 2:10 to 3:00	<b>Treilman</b> Use a SMART Board To Teach Precalculus Topics Room 221A	<b>Schuloff</b> See the Derivative Come Alive Room 203	<b>Glatzer</b> A Six-Pack of Ideas for Your Geometry Class Room 204	<b>Smith</b> Nothing Compares to $\mu \dots$ (stats with pennies) Room 204			<b>Rosenstein</b> The New New Jersey Mathematics Standards Grades K-8 Room 209	<b>Richman</b> Just Let Me Survive Today Room 207	<b>Hanna</b> Discovering Interesting Mathematics Using TI_Nspire CAS Room 210	

Recreational Math: 3:00-4:00, Room 210