

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

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