Good Ideas in Teaching Precalculus and...
March 21, 2003

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

	Precalculus	Precalculus	Calculus	Algebra & Geometry	Statistics	Discrete Mathematics	Using Computers in the Classroom	Applications	Assessment	General
Session I 8:30 to 9:20	Cooperman Transforming Precalculus: A Functional Approach Room 202	Nager Pi Plates and Radian Measure Room 204	Pantozzi The First Five Days of Calculus: A Visual Approach Room 231 (LAB) hallway	Berkowitz Finding a Way Through the Matrix Room 209 Room 206	DeLeon Activities for A.P. Statistics Room 203	Nesbit Towers of Hanoi, Fractals, Surprise! Room 205 Room 204	Schorr Simulating Graphical Representations of Motion Room 210	Hyman "Can" We Do Better?: Making Better Cans Room 206	Smith Writing in the Math Classroom: Covering the Standards Whilst Keeping Your Sanity Room 207	Decovsky Programming on the TI-83+ Room 208
Session II 9:30 to 10:20	Ames The Conic Sections: Parametrically Room 202	Heller Let Them Eat Cake! (Modeling Functions and Finding Area) Room 209	Alfred Modeling Data Sets for Functions Room 203 Room 205	Weissman Algebra Software for Failing Students Room 204	DeMattia Analyze This and Analyze That Room 205	Biehl Using Discrete Math to Teach "Regular" Math Room 206	Klotz Math Tools: More than a Digital Library for More than Precalculus Room 210	Herman Bugs, Balls and Ferris Wheels: Parametric Graphing Room 207	Del Vecchio Project Ideas for Algebra and Geometry Room 208	Fernandez Using Students' Questions to Help Them Think about Math Room 218
Sharing Sessions 10:30 to 11:05	Best Calculator Practices Room 204	Preparing Grade 9-10 Students for Precalculus Room 202	What to Keep & What to Leave Out at Grades 11-12 Room 209	Getting Your Feet Wet - for New Teachers Room 205	Alternative Assessment in Calculus & Precalculus Classes Room 203	Preparing Students for the HSPA Room 206	What Does Your Precalculus Final Exam Look Like? Room 207	Common Student Mistakes and Why They Make Them Room 208	Mini-Presentation: National Board Certification -- A Professional Challenge Room 210	
11:10-12:15	Plenary Session: "Playing with Pieces of the Puzzle" - Dr. Evan Maletsky Room 111 *(lecture hall opposite registration tables, on first floor)*									
12:15-1:15	Lunch - Multipurpose Room, Busch Student Center									
Session III 1:15 to 2:05	Atkin Geometric Constructions Room 202		Schiffman Limit: The Heart of the Calculus Room 203	Wissler Geometry and Planes Room 204	Fesq Projects for Statistics Classes: Working Outside the Textbook Room 206		Kalantari Applications of Polynomiography in Teaching Mathematics Room 209	Edelman Stuck in Traffic Room 207		Husain Make Your Own T-Shirt, Posters, Etc. Using Equations on a TI-83+ Room 210
Session IV 2:10 to 3:00	Azzolino The Computer as a Lecture Tool in Precalculus Room 210	Ames Introducing the New Sharp 9900 Graphing Calculator Room 202				Carney Discrete Math Used in Homeland Security Room 209	Kalantari Polynomiography Part II (Computer Lab Practice of Above Presentation) Room 231 (LAB)	Johnson The Nyquil Problem Room 207	Ball SRA and Math: Perfect Together Room 205	Alfred, Rosenstein & Schiffman Preparing Students for College Mathematics (Panel Discussion) Room 206