	Room 206 History, Education	Room 208 Probability, Statistics Session 1	Room 210 Probability, Statistics Session 2	Room 212 Analysis, Calculus and Differential Equations Session 1
9:00-9:15	*"Ah-hA Method"* Jin Ha (Faculty) Northeast Lakeview College	*Distractions Can Be a Real Pain* Ben Cardiff Southwestern University	*Apparel Size Standards within the Fashion World* *Jenny N. Gomez* *niversity of the Incarnate Word*	*Area and Hausdorff Dimension of Convex Quadrilateral Fractals* R. Vasquez and M. Okura University of North Texas at Dallas
9:20-9:35	*A Generalization of Conic Sections* Tiffany Lundy Stephen F. Austin State University	*Recycling toward a Better Earth Through Math* Yvette Niyomugaba Southwestern University	*Statistical Analysis to Validate the Dark Sky Laws* *Geoffrey H. Schuette* *Sul Ross State University*	*Genetic Diversity and Long-term Genotype Evolution* Melody Marie Packard Northeast Lakeview College
9:40-9:55	*A Finely Tuned Model* Sara Watson Southwestern University	*School Meals: How Much is Too Much?* Zachary A. Anglin Southwestern University	*Estimators Under The Restriction of Stochastic Ordering* Y. Guzman and J. Tapia St. Mary's University	*Growth Patterns of Ethnic Groups in Bexar County with Modified Leslie Models* *Judith Arriaza* *University of the Incarnate Word*

	Room 206 Algebra, Geometry, Topology and Knot Theory	Room 208 Analysis, Calculus and Differential Equations Session 2	Room 210 Probability, Statistics/ Analysis, Calculus and Differential Equations Session 3	
1:30-1:45	*Real Root Counting For Central Configurations* *Wako Bungula* *Texas Lutheran University*	*Modeling the Relationship Between Visceral Leishmaniasis Incidence and the Proportion of Post-Kala-Azar Dermal Leishmaniasis Cases Treated into Remission* Ryan Landrith University of Texas at Arlington	*Love All: Mathematical Tennis* Andy Clarage Southwestern University	
1:50-2:05	*An Algorithmic Approach to Pentagonal Plane Tiling* John Hyde The University of Texas at Tyler	*Look at Them Grow: A Mathematical Model of Cancer cell and T cell Populations* Nina Baccam Southwestern University	*Predictive Models for the Performing Arts* Mario Perez & Danica Martinez University of the Incarnate Word	
2:10-2:25	*The Tangle Model Applied To Site-Specific Gin Recombinase On Dna* *Jennifer Lazarus* *University of North Texas at Dallas*	*Math Bites: Predator-Prey Models of Various Species* David Scott Ryan Southwestern University	*Gompertz Function and Tumor Growth* Rhyzl Guimbatan El Centro College	
2:30-2:45	*Java Implementation of C. Ernst's Tangle Equations II* *Jonathan k. Sullivan* *University of North Texas at Dallas*	*Public Health Policy and Managing Bioterrorism* Annalisa Moore University of the Incarnate Word	*Math asks: "Water You Doing, Georgetown?"* Van (Zoe) Pham Southwestern University	
2:50-3:05	*Algebra of Tangles for Classical and Virtual Knots* *Elizabeth Reyes* *University of North Texas at Dallas*	*A Positive Nonstandard Finite Difference Scheme for a Model of Competition in a Chemostat* Ian Martines(Faculty) St. Mary's University	*Modeling the Spread of HIV* Yasmin Leon Southwestern University	