Morning – Talks (Friday, March 31st 2017) (U – Undergraduate, G- Graduate, F – Faculty)

Time/Room	Innovation A-233A	Innovation B-233B	Ambition A-277A	Ambition B-277B	Legacy A-279A	Legacy B-279B	Pride - 275
11110/110011	Ia'Bria Miles (II)	Aaron McCov (II)	Ashton Short (II)	Amira Mahler (II)	Aser Garcia (II)	Loseph Brown (G)	Janak Joshi (G)
	(Texas A&M_Commerce)	(Lamar University)	(Angelo State II)	(St Edward's II)	(Tarleton State II)	(Tarleton State II)	(II North Teras)
	(Texus Holvi Commerce)	(Euniar Childersity)	(Ingelo Suite C.)	(51. Euwini 5 G)	(Turreton Stute C.)	(Turreton State Cl.)	(a. 100111 10x103)
8:30-8:45	A single case study of	An Exploration of Wilson's	Examining Special	American Roulette: How	Heliocentric Lunar	Using a Genetic Algorithm	Existence and Non
	students with autism in	Theorem	Flements	Long Can You Play?	Formation Simulation	to Optimize Structural	existence of solutions for
	secondary mathematics	meorem	in Hypergraphs	Long Cuit Tou Fuy.	1 officiation officiation	Stability	sublinear problems
	Taylor Kline (II)	David Offnor (II)	Alan Amaya (II)	Anthony Phillips(II)	Kassio Marblo (II)	Douglas Rowa (C)	Krystin Steelman(C)
	(Texas A&M_Commerce)	(Hardin-Simmons II)	(11 Incarnate Word)	(Steven F Austin State)	(Tarleton State II)	(Tarleton State II)	(Texas Tech University)
	(1exus 1101vi Commerce)	(Hurum Simmons C.)	(C. meanure word)	(Steven 1. Mustin Stute)	(Turreton State C.)	(Tuncton State Cl.)	(Texus Teen amoersity)
8.50-9.05	Reflection calibration and	The Collatz Conjecture: An	Applications of Graph	Probability in Baseball	Simulating a Benzene	Feel the pressure:	Modeling the Farly Stages
0.50 5.05	achievement in	Undergraduate Approach	Theory in the Soccer Field	i robubility in busebuli	molecule using damped	Modeling dispersion of	of a Within-Host Viral
	introductory calculus	Chargeadance Approach	fictory in the soccer field		oscillators	fuel particles inside an	Infection
	introductory calculus				03cmators	engine cylinder	meetion
	Kourtney Holyfield(U)	Amy Ionkins (II)	Christophor Vork(II)	Stophania Thrash(II)	Michael Rubie (II)	Laning Prukon (C)	Imolda Troio (C)
	(Hardin-Simmons II)	(Southmastern II)	(Lawar University)	(St. Edward's II.)	(Tarlaton State II)	(Tarlaton State II)	(IIT - Arlington)
	(IIIIIIII-Simmons C.)	(Southwestern a.)	(Luniur Cinibersity)	(St. Luwiru S C.)	(Turteton State C.)	(Turreton State C.)	(ui - mingion)
9.10-9.25	Hilbert's 23 Problems	Instruments in ones and	Enumerating kth Roots in	Political Parties and	Simulating the molecular	Space Balls: Particle	Modeling the effects of the
5.10-5.25	Thibert 3 25 Troblems	zeros: How computers	the Symmetric Inverse	Lottery Voting	interactions of water	Modeling Solar System	immune system on the
		mimic Timbre	Monoid	Lottery voting	molecules and the	Formation	fracture healing process
		minic rimble	Wohold		formation of ice crystals	romation	fracture ficaling process
	Josh Schneider (II)	Talon McCallam (II)	Ionathan Hodges (II)	Crisel Suarez (II)	William Sumpter(II)	Taylor Hutyra (C)	Richard Harvel (C)
	(Hardin-Simmons II)	(Fl Centro College)	(Lamar Hnizpersity)	(St Edward's II)	(Tarleton State II)	(Tarleton State II)	(Tarleton State II.)
	(Turun ommono a.)	(El centro conege)	(Eumar Centeerolity)	(5). Eucontu 5 (2.)	(Turreton State C.)	(Turreton State Cl.)	(Turreton Stute C.)
	Hero's Formula	The Divine Ratio: a re-	Using Graph Theory to	North Carolina and	Creating an isotopically	Sequestration of carbon	Mathematical Models of
9:30-9:45	Tiero o Formuna	visitation of its majesty	Fliminte Discontinuity in	Pennsylvania for	smilar Farth-Moon system	les using Parallelized Simulatio	Self-Assembly
		violation of his majesty	Minecraft's Procedural	Boardwalk? Trade Values	with correct angular	of no-slip gas dynamics in a	een moenneny
			Biome Generation	for Monopoly Real Estate	momentum from a giant	thermophoretic	
				for monopoly field Louie	Impact	environment	
	Madyson Chance (U)	Will Howard (U)	Iulia Eilers (U)	Tera Benoit (U)	Zachery Viray (U)	David Ebert (G)	Suvu Liu (G)
	(El Centro College)	(Hardin-Simmons U.)	(Baylor University)	(Lamar University)	(U. Incarnate Word)	(Tarleton State U.)	(UT - Arlington)
	(((Lugier Childrenig)	(((
9.50-10.05	Integration by Method of	The Perfect Free Throw	On the number of distinct	The Hidden Mathematical	Chaos Control:Applying	A Particle Model of the	Absence seizures resulting
5100 20100	Undetermined Coefficients		balanced bipartite directed	Analysis of Optimal Play in	Control Theory to Chaos	Interactions within Fish	from disharmonious
			graphs with every node of	Massively Multiplayer	y	Schools	dialogue between cortical
			outdegree 1	Games			neurons and astrocytes
	Tracy Desrochers(U)	Aleiandro Moran (U)	Lauren Melcher (U)	Iason Miller (U)	Sergio Melendez (U)	Joseph Brown (G)	· · · · · · · · · · · · · · · · · · ·
	(Hardin-Simmons 11)	Austin College	(Texas A&M-Commerce)	(Lamar University)	(11 Incarnate Word)	(Tarleton State 11)	
	(chine of the chine of the chin	The survey of the second		(Lunini canteereng)		(Thirdebill Child Chi)	
10:10-10:25	Tessellations	New Knot Invariants	On a class of few weight	The Affect of Dice	Weingarten Surfaces from	A Merry Gander at	
10.10 10.10		Relating the Alexander and	codes	Probability on Player	Integrable Partial	Gerrymandering	
		Iones Polynomials		Experience in Tabletop	Differential Equations	g	
		jones rotynomials		Role-playing Games	Emerentia Equatoris		
				noic-pinying Games			

Afternoon – Talks (Friday, March 31st 2017) (U – Undergraduate, G- Graduate, F – Faculty)

Time	Visions-209	InnovationA-233A	Innovation B-233B	Ambition A-277A	Ambition B-277B	Legacy A-279A	Legacy B-279B	<u>Pride - 275</u>	
3:15-3:30	Jane Long (F) (Stephen F Austin State)	Janessa Beach (G) (Texas A&M –Commerce)	Joseph Iaia (F) (U of North Texas)	Reza O. Abbasian (F) John T. Sieben (F) (Texas Lutheran U.)	Chad Huckaby (G) (Stephen F. Austin State)	Adam Bowden (F) (Texas A&M –Commerce)	Minchul Kang (F) (Texas A&M –Commerce)		
	One Model for a Capstone Course for Mathematics Majors	Relating proofs and revisions:A case study of a inquiry-based college geometry course	U.S. Presidents and Mathematics	The impact of a natural language interface on novice CAS users	Observations on Convexity of Sets	Splitting ELPAC and Its Applications	Direct D(t) computation from FRAP data reveals various anomalous diffusion types	Frank Snyder (Cengage Learning) Building Confidence in	
3:35-3:50	Jacqueline Jensen- Vallin (F) (Lamar University) The Role of self-Reflection in Math Courses	Laura Beene (G) (Texas A&M –Commerce) STEM Major Mindset Changes During Their First Undergraduate Mathematics Course	Timothy Huber (F) (UT Rio Grande Valley) Cultivating Research Opportunities for Students through NSF S-STEM	John Quintanilla (F) (U of North Texas) How Precalculus Students Can Find the Decimal Expansions of Logarithms	Paul Schwartz (G) (Lamar University) Properties and examples of Generalized Inverse Limits	Richard Chandler (F) (UNT- Dallas) Associating Geometry to $U_q(SL_2)$	Jonathan Mitchell (F) (Stephen F. Austin State) Frequency and Amplitude a Nonlinear Oscillator by Homotopy Analysis Method	Developmental Math - MindTap Math Foundations	
3:55-4:10	Keith Hubbard (F) (Stephen F Austin State) College Algebra Flipped: Comparative results from 1000 students	Jeremy Smith (G) (Texas Christian U) Tips for Awarding Partial Credit on Calculus Problems	James Epperson (F) (UT Arlington) Guidance for Mathematic Teaching Preservice Secondary Mathematics Teachers	Rebecca Steward (F) (<i>Texas A&M –Commerce</i>) Online Videos that Support Class Material	Jason A. Hatton (G) (Lamar University) Solving Systems of Differential Equations Using Gradient Descent Under the Sobolev Norm	Robert Muth (F) (Tarleton State U.) Colored RSK Correspondence	Bryant Wyatt (F) (Tarleton State U) Creating an Isotopically Similar Earth-Moon system	Gary Whalen (Cengage Learning)	
4:15-4:30	Brittany Hott (F) (Texas A&M –Commerce) East Texas Mathematics Teacher Professional Development Needs	Luis Aguirre (G) (Texas Christian U) Why Math? A perspective from Applied Calculus students	Ali Shaqlaih (F) (UNT – Dallas) Fostering Students' Preparation and Achievement in in Upper Level Math Courses	Eleftherios Gkioulekas (F) (<i>UT - Rio Grande Valley</i>) On the denesting of nested square roots	Nathanael Hellerman (G) (Texas Christian U.) Optimizing Batting Order: A Markov Chain Approach	Charles Dorsett (F) (Texas A&M –Commerce) Least and Biggest Topological Properties		What Might an Online Calculus Course Look Like?	
4:35-4:50	Rebecca Dibbs (F) (Texas A&M –Commerce) Algebra I Interventions: A metasynthesis	Adam J. Castillo (G) (UT-Austin) Understanding Community College Math Faculty Perceptions	Sarah Cobb (F) (Midwestern State U.) Linking Math and English through The Martian	Montie Monzingo (F) (SMU) Amortization schedules: did the student cheat?	Mary Barker (G) (Tarleton State U.) KLR Algebras in Sage	Hasan Coskun (F) (Texas A&M –Commerce) Multiple analogues of binomial and Poisson distributions on the set of integer partitions	Jacob Makaya (F) (Texas A&M International) Static and Steady-State Bubbles in the Channel		
4:55-5:10	Michael Warren (F) (Tarleton State U) Transcendental functions with a complex twist	Jordan L. Hess (G) (UT – Dallas) Numbers	Fred Halpern (F) (Royal Path to Math) Integration by linear combination	Keith E Emmert (F) (Tarleton State U) Buffon's Needle		Y. Liu (F) (Sun Yat-sen U) On Low Rank Approxima of Linear Operators	Scott Cook (F) (Tarleton State U.) No-Slip Billiards		