Monday, March 19

	Barnum 008	Barnum 104
8:30-9:15	**Coffee and registration**	
9:15-9:25	**Opening remarks**	
9:30-9:50	**Bo-Hae Im** *Zeros of weakly holomorphic modular forms for some Fricke groups*	**Ian Petrow** *Counting Automorphic Characters of Tori*
10:00-10:20	**Karen Taylor** *Quadratic Identities and Maass Waveforms*	**Peter Humphries** *Quantum unique ergodicity in almost every shrinking ball*
10:30-10:50	**Dermot McCarthy** *Sequences, Modular Forms and Cellular Integrals*	**Nick Andersen** *Markov spectra for modular billiards*
10:50-11:10	**BREAK**	
11:10-11:30	**Kim Klinger-Logan** *Meromorphic continuation of solutions to differential equations in automorphic forms*	**David Lowry-Duda** *Counting points on one-sheeted hyperboloids*
11:40-12:00	**Xiaoguang He** *On the first sign change of Fourier Coefficients of Cusp Forms*	**Eugenia Rosu** *Twists of elliptic curves with CM*

Lunch break 12:00-2:00pm

	Barnum 008	Barnum 104	Barnum 114
2:00-2:20	**Victor Manuel Aricheta** *Supersingular Elliptic Curves and Sporadic Groups*	**Madeline Dawsey** *Effective Error Bounds for Andrews' Smallest Parts Function*	**Polyxeni Spilioti** *Ruelle and Selberg zeta functions for non-unitary twists*
2:30-2:50	**Dongxi Ye** *Difference of a Hauptmodul for $\Gamma_0(N)$ and Certain Gross-Zagier Type CM Value Formulas*	**Alexander Dunn** *Kloosterman sums for the Dedekind eta multiplier*	**Spencer Leslie** *A Generalized Theta lifting and CAP representations*
3:00-3:20	**Lea Beneish** *Weight two moonshine*	**Long Tran** *L-factors for the p-adic groups $GSp(4)$*	
	COFFEE BREAK		
3:50-4:10	**A. Arnold-Roksandich** *Creating Several Infinite Classes of Quantum Modular Forms*	**Neha Prabhu** *Moments of the error term in the Sato-Tate law on average*	**Siddhesh Wagh** *Liftings of Maass forms from SL2 to GL2 over a Division Quaternion Algebra*
4:20-	**Eric Moss** *Congruences for coefficients of modular functions with poles at 0*	**A. Hauffe-Waschbüsch** *Isomorphism between the Symplectic group over Quaternion and the Orthogonal group $SO(2,6)$*	

Tuesday, March 20

	Barnum 008	Barnum 104
8:30-9:00	**Coffee and pastries**	
9:00-9:20	**Rachel Davis** *Congruence and noncongruence subgroups arising from G-structures*	**Rongqing Ye** *Rankin-Selberg gamma factors over local field and its residue field*
9:30-9:50	**Djordje Milicevic** *The sup-norm problem for* GL(2) *over number fields*	**Kwangho Choiy** *Tempered spectrum and multiplicity for unitary principal series of p-adic Spin groups*
10:00-10:40	**Solomon Friedberg** *Lifting via the converse theorem: new results*	
10:40-11:00	**BREAK**	
11:00-11:20	**Liang Xiao** *Some remarks on the ghost conjecture of Bergdall and Pollack*	**Solly Parenti** *Unitary CM Fields and the Colmez Conjecture*
11:30-11:50	**Stefan Bleß** *The Maass-Space and ultraspherical differential operators*	**Álvaro Lozano-Robledo** *A probabilistic model for the ranks of elliptic curves over* $\mathbb{Q}$

Lunch break 12:00-2:00pm

	Barnum 008	Barnum 104
2:00-2:20	**Jonathan Hales** *Congruences for Modular Parameterizations of Elliptic Curves*	**Cindy Tsang** *The number of D_4-fields with monogenic cubic resolvent ordered by conductor*
2:30-2:50	**Paul Beirne** *Knot invariants and modular forms*	**Harsh Mehta** *Malle's conjecture on a family of Frobenius groups*
3:00-3:20	**Dohoon Choi** *Ramanujan congruences for weakly homolophic modular forms*	**Frank Thorne** *The Distribution of G-Weyl CM Fields and the Colmez Conjecture*
3:20-3:50	**COFFEE BREAK**	
3:50-4:10	**Robert McDonald** *Torsion Subgroups of Elliptic Curves over Function Fields*	**Wei-Lun Tsai** *Analytic formulas for Stark units in quadratic extensions of totally real number fields*
4:20-4:40	**Wanlin Li** *Vanishing of hyperelliptic L-functions at the central point*	**Ben Linowitz** *Brauer equivalent number fields*
4:50-5:30	**Panel Discussion** (Friedberg, Grundman, Lozano-Robledo, Taylor) *Facilitating engagement and success in mathematics for students from underrepresented groups*	

Wednesday, March 21

	Barnum 008	Barnum 104
8:30-9:00	**Coffee and pastries**	
9:00-9:40	**Jyotirmoy Sengupta** *A case of simultaneous nonvanishing of automorphic L functions*	
10:00-10:20	**Wissam Raji** *Special values of Hecke L-functions of modular forms of half-integral weight and cohomology*	**Abhishek Saha** *Integral representation and critical L-values for the standard L-function of a Siegel modular form*
10:30-10:50	**Michael Mertens** *Modular forms of real-arithmetic types*	**Krzysztof Klosin** *The Paramodular Conjecture for abelian surfaces with rational torsion*
10:50-11:10	**BREAK**	
11:10-11:30	**Michael Griffin** *Polya's Program for the Riemann Hypothesis and Related Problems*	**Dan Fretwell** *An Eisenstein congruence for genus 2 Hilbert-Siegel forms*
11:40-12:00	**Jesse Thorner** *Weak subconvexity without a Ramanujan hypothesis*	**Ariel Weiss** *Irreducibility of Galois representations associated to low weight Siegel modular forms*

Lunch break 12:00-2:00pm

	Barnum 008	Barnum 104	Barnum 114
2:00-2:20	**Siegfred Baluyot** *On the density of zeros of the Riemann zeta-function near the critical line*	**Huixi Li** *Congruence primes of Hilbert Siegel eigenforms*	**Jingbo Liu** *Universal sums of generalized m-gonal numbers*
2:30-2:50	**Shenhui Liu** *Central L-values of GL(3) Maass forms*	**Jim Brown** *Congruences for paramodular Saito-Kurokawa lifts and applications*	**Nathan Ryan** *Computing Hecke eigenvalues analytically*
3:00-3:20	**Yongxiao Lin** *Subconvex bound for twists of GL(3) L-functions*	**Melissa Emory** *On the global Gan-Gross-Prasad conjecture for general spin groups*	**Grant Molnar** *Zagier Duality for Level p Weakly Holomorphic Modular Forms*
	COFFEE BREAK		
3:50-4:10	**Liyang Yang** *Arithmetic Applications of Eisenstein Periods*	**An Hoa Vu** *Hermitian Saito-Kurokawa lift for general level*	**Jetjaroen Klangwang** *Zero of certain modular forms of weight nk*
4:20-4:40	**Kyle Pratt** *Critical zeros of the Riemann zeta function*	**Annalena Wernz** *The isomorphism between the Hermitian modular group and O(2,4)*	**Vlad Serban** *Classical automorphic forms on p-adic families for GL2*
4:50-5:10	**Matthew Welsh** *The Spacing of Torsion Points*	**Qing Zhang** *A local converse theorem for quasi-split unitary group*	

Thursday, March 22

	Barnum 008	Barnum 104
8:30-9:00	**Coffee and pastries**	
9:00-9:20	**Nicolas Sirolli** *Explicit Waldspurger formulas for Hilbert modular forms*	**Yeongseong Jo** *The Local Exterior Square L-functions for* $\mathrm{GL}(n)$
9:30-9:50	**Ari Shnidman** *A higher order Gross-Kohnen-Zagier formula over function fields*	**Jolanta Marzec** *Maass relations for Saito-Kurokawa lifts of higher levels*
10:00-10:20	**S. Miller & E. Waxman** *Lower Order Terms for the Variance of Gaussian Primes across Sectors*	**Aftab Pande** *Reductions of crystalline representations of slope* $(2,3)$
10:20-10:40	**BREAK**	
10:40-11:00	**Jordan Wiebe** *Constructing Orders with Level*	**Sheng-Chi Shih** *On congruence modules related to Hilbert Eisenstein series*
11:10-11:30	**Andrea Conti** *Trianguline Galois representations and Schur functors*	**Anwesh Ray** *Geometric Lifts of Mod p Reducible Galois Representations*
11:40-12:00	**Mishty Ray** *Tate's thesis and its applications*	**Asset Durmagambetov** *A pseudo zeta function*