SINGLE SLIDE SHOWCASE PROGRAM

- **Katrina Honigs - Maria Agnesi**
- **Simran Mann - Exploring Infinity: The Mathematical Works of Lillian Rosanoff Lieber.** A discussion of her unique writing style showcased in the book "Infinity: Beyond the Beyond the Beyond," which simplifies concepts like the Infinite Hotel paradox, making them more accessible and engaging for people of varying mathematical backgrounds.
- **Shannon Jeffries - Magic Set Configurations.** A brief introduction to my current research on finding combinatorial structures that represent magic sets of observables in quantum information.
- **Cedric Chauve - Clearing hurdles and fortresses for sorting genomes.**
- **Mina Moeini - Modeling and Simulation of a Multi-Hospital Intensive Care Network.**
- **Joanna Whitter - Dorothy Vaughan.** In my 5 minutes, I will take you through the life, the work, and the accomplishments of the brilliant "human super-computer" Dorothy Vaughan, who you may recognize as the main role in the hit film 'Hidden Figures.'
- **Nathan Ilten - This is a university, not a bathhouse: the work and life of Emmy Noether.** Emmy Noether was a fundamental figure in early 20th century algebra and mathematical physics. I will briefly discuss her career and focus on one of her results about (absolutely) irreducible polynomials.
- **MacKenzie Carr - Improper Interval Colorings of Graphs.** An overview of some definitions and questions about improper interval colorings of graphs, a way of modelling a scheduling problem where some conflicts are allowed but there should be no gaps in the schedules.
- **Paul Tupper - Janet Pierrehumbert: A pioneer of mathematical modelling in Linguistics.** I will give a brief presentation on one of the most active and interesting linguistic scientists in the world, one who uses ideas from our own discipline to revolutionize her own.