

Conference Schedule

The registration and all the talks will be in the 7800 York Road Building (**YR**) in the 2nd floor lobby. There is a parking garage adjacent to the building (the Glen Garage). You can walk into the building via the 3rd floor bridge and then go down one floor to the registration. Parking is free on weekends. If you have registered online, you will find a printed nametag at the registration table. If you have not registered online, please visit the registration table and sign in. Please be sure to stay for the Prize Session at the end of the conference; there will be a raffle for all student participants with several prizes.

9:00 – 10:00	Registration	YR, 2nd floor lobby
10:00 – 10:05	Opening remarks by the Department Chair	YR 205
10:05 – 11:05	Opening address	YR 205
	Discrete Morse Theory as an Introduction to Topology	
	<i>Dr. Nicholas Scoville, Department of Mathematics, Computer Science and Statistics, Ursinus College</i>	
11:15–11:35	Student talks	
	Notes on Shor Code	YR 121
	<i>Megan Shirley, Bowie State University</i>	
	Designing and Implementing a Comprehensive Health Incentive Program for Health Improvement and Economic Growth	YR 124
	<i>Tommy Dale, Towson University</i>	
11:45-12:05	Student talks	
	Phase Transition in Contextuality	YR 121
	<i>Anisah Khattak, Notre Dame of Maryland University</i>	
	A Comparison of Olympic Figure Skating Scoring Systems	YR 124
	<i>Grace Stulman, Towson University</i>	
12:15–1:15	Plenary session	YR 205
	Mathematics Careers in Government, Industry, and Academia	
1:15–2:15	Lunch	YR, 2nd floor lobby
2:15–2:35	Student talks	
	Costs Associated with Natural Hazards: A Data Analysis Project	YR 121
	<i>Bryce Benjamin, Glenelg Country Day School</i>	
	Simplified Bardina Turbulence Model	YR 124
	<i>Grace Stulman, Towson University</i>	
2:45–3:05	Student talks	
	Propulsion of a Microswimmer in Low Reynolds Number Environments	YR 121
	<i>Alex Holtzman, Towson University</i>	
	Information Theory Through Games: Optimizing Shut the Box	YR 124
	<i>Jay Whitmon, Stevenson University</i>	
3:15–3:35	Student talks	
	Coloring Properties of Classes of Graphs	YR 121
	<i>Christian Pippin, Towson University</i>	
	The Drinfeld Center of Fusion 2-Category	YR 124
	<i>Fabian Espinoza de Osambela, Johns Hopkins University</i>	
3:45–4:05	Student talks	
	Crime and Trips in Baltimore City	YR 121
	<i>Kristin Lloyd, Natalie Brownlowe, Arderi Brown, Kira Parsons, John Nocera, Towson University</i>	
3:45-4:15	Snacks and professional networking	YR, 2nd floor lobby
4:15–5:15	Closing address	YR 205
	The Power of Lines	
	<i>Dr. Amy Chapman, Department of Applied Mathematics, Virginia Military Institute</i>	
5:15–5:30	Prize session	YR 205