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

Dr. Nicholas Scoville, Department of Mathematics, Computer Science and Statistics, Ursinus College

11:15–11:35 Student talks

Notes on Shor Code — YR 121

Megan Shirley, Bowie State University

Designing and Implementing a Comprehensive Health Incentive Program for Health Improvement and Economic Growth — YR 124

Tommy Dale, Towson University

11:45-12:05 Student talks

Phase Transition in Contextuality — YR 121

Anisah Khattak, Notre Dame of Maryland University

A Comparison of Olympic Figure Skating Scoring Systems — YR 124

Grace Stulman, Towson University

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

Bryce Benjamin, Glenelg Country Day School

Simplified Bardina Turbulence Model — YR 124

Grace Stulman, Towson University

2:45–3:05 Student talks

Propulsion of a Microswimmer in Low Reynolds Number Environments — YR 121

Alex Holtzman, Towson University

Information Theory Through Games: Optimizing Shut the Box — YR 124

Jay Whitmon, Stevenson University

3:15–3:35 Student talks

Coloring Properties of Classes of Graphs — YR 121

Christian Pippin, Towson University

The Drinfeld Center of Fusion 2-Category — YR 124

Fabian Espinoza de Osambela, Johns Hopkins University

3:45–4:05 Student talks

Crime and Trips in Baltimore City — YR 121

Kristin Lloyd, Natalie Brownlowe, Arderi Brown, Kira Parsons, John Nocera, Towson University

3:45-4:15 Snacks and professional networking — YR, 2nd floor lobby

4:15–5:15 Closing address — YR 205

The Power of Lines

Dr. Amy Chapman, Department of Applied Mathematics, Virginia Military Institute

5:15–5:30 Prize session — YR 205