

Mathematical Association of America
 MD-DC-VA Section, April 28-29, 2017
 Frostburg State University, Frostburg, MD
 Schedule of Student Posters

**Posters will be presented at the 2nd Floor Corridor, Gira Center
 from 2:10 – 3:00.**

| Student | Poster Title |
|---|---|
| Emily Adams Virginia Military Institute | <i>Modeling Commercialization of Crop Varieties and Predicting Market Success</i> |
| Jaclyn Bealer Hood College | <i>Cayley and Frobenius Characters in an Equation: An investigation into the Solution of the Cayley-Hermite Problem</i> |
| Joseph Bobay Virginia Military Institute Henry Wiswall Virginia Military Institute | <i>Optimizing Airport Security Throughput</i> |
| Jonathan Chu Virginia Military Institute Trey Chapman Virginia Military Institute | <i>Evaluating and Planning Smart Cities</i> |
| Joseph Fawley Hood College | <i>The Jesuits and Chinese Mathematics: 17th Century Contacts</i> |
| Sarah Hood Hood College | <i>Black Math: An Investigation of the Under Appreciation of African American in the 20th Century</i> |
| Yu-Hsiang Liu Virginia Military Institute Shang Cheng Su Virginia Military Institute | <i>Sustainable Cities Needed!</i> |
| Skyler Layton Shenandoah University | <i>Crossing Numbers of Complete Bipartite Graphs</i> |
| Sophie Mancini James Madison University Unyoung Park James Madison University | <i>Singular Value Decomposition and its Applications</i> |
| Zachary Melvin Virginia Military Institute Mike van Duinen Virginia Military Institute | <i>TSA Optimization</i> |

Schedule of Speakers

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| Joshua McPherson Hood College | <i>To Infinity and Beyond: An Analysis of the Struggle to Approach Infinity</i> |
| Amber Ngo Salisbury University Andrea Carmack Salisbury University | <i>Investigating the Effects of Self-Driving Cars on Traffic Flow</i> |
| Sarah Risinger Christopher Newport University | <i>Integer Sequences Characterized by Certain Summation Identities</i> |
| Timothy Taylor Hood College | <i>The Divergence of Mathematics and Physics: How Physics Developed Out of France</i> |
| Amy Vennos Salisbury University Adam Jump Salisbury University | <i>Utilizations of Queuing Theory and Digraphs for More Efficient Merging in Tollways</i> |
| Pengrui Wang Washington and Lee University | <i>Direct Product of Directed Semi-Cycles</i> |
| Matthew Welte McDaniel College | <i>A Mathematical Perspective of Neo-Riemannian Transformations</i> |

Please stop by to view the posters and to talk to the student presenters.