## FACULTY CONTRIBUTED SESSIONS

Eastern Pennsylvania and Delaware Section of the Mathematical Association of America

**Shippensburg University**

November 18, 2017

<table>
<thead>
<tr>
<th>TIME</th>
<th>DHC 102</th>
<th>DHC 108</th>
<th>DHC 110</th>
</tr>
</thead>
</table>
| 12:50-1:05 | Amos Ong Penn State Erie<br>
*Triangles on a Flat Torus* | Ting Gu Elizabethtown College<br>
*Correlation attacks against stream ciphers* | Karen Adams & Nicholas Martin Shepherd University<br>
*A Generalization of Minkowski’s Inequality.* |
| 1:08-1:23 | John Pesek University of Delaware<br>
*Volume Formulas for the Simplex and Set Partitions of the Vertices* | Eva Goedhart Lebanon Valley College<br>
*Using Linear Forms in Logarithms to Solve Diophantine Equations* | Ryan M. Evans NIST<br>
*Precision Medicine and Nonlinear Partial Differential Equations* |
| 1:26-1:41 | Amanda Lohss Messiah College<br>
*Regular Permutation Graphs* | Tamara Eyster Kaplan University<br>
*Mathematical Self-Beliefs are Important* | Kevin Ferland Bloomsburg University<br>
*Fitting the Most Words in a Crossword Puzzle* |