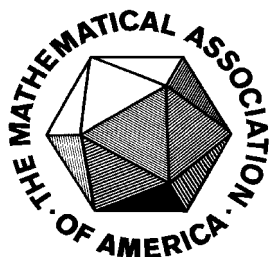# FACULTY CONTRIBUTED SESSIONS

Eastern Pennsylvania and Delaware Section
of the
Mathematical Association of America

# Shippensburg University

**November 18, 2017**

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