

# *Joint Math and Physics Colloquium*

*Dr. Sylvester Gates Jr.,  
University of Maryland*

*Monday, October 26, 2015  
3:00-4:00 pm in C-2045*

*Seeing the Mathematics Behind Supersymmetry  
Theories (Research Seminar)*

**Abstract:** Dr. Gates will discuss how a still-unsolved problem in the representation theory of SuperstringM-Theory has led to the discovery of previously unsuspected connections between diverse topics in mathematics.