

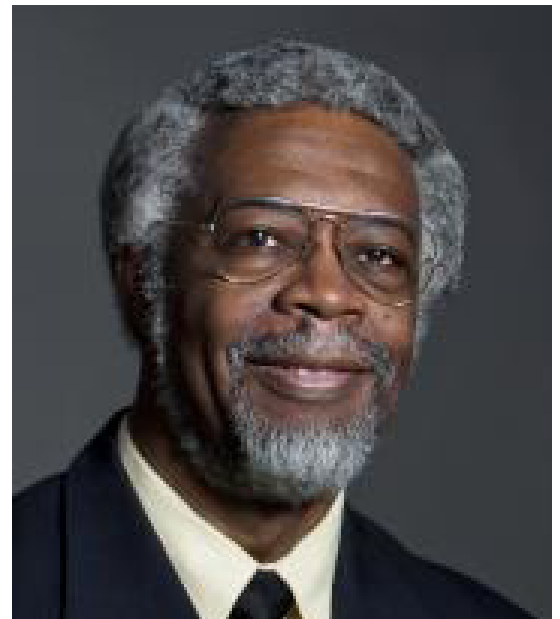
# PHYSICS AND ASTRONOMY COLLOQUIUM

## Sylvester Gates, Ph.D.

University of Maryland

SUSY Holography: Dimensional Reduction, Information Conservation, & SUSY QM

It is shown that supersymmetrical field theory representations possess an uncanny ability to retain information about their spin representations in higher dimensions, even under reduction to their supersymmetrical quantum mechanical limits.



THURSDAY, APRIL 9, 2015 | 4:00 PM | HAWKING AUDITORIUM



**PHYSICS & ASTRONOMY**  
TEXAS A&M UNIVERSITY