# Philadelphia Area Number Theory Seminar

## Cihan Karabulut
William Paterson University

## From Hermitian Forms to Bianchi Modular Forms

**Abstract:** In this talk, I will discuss a family of functions de ned by Zagier in a very simple way as sums of powers of quadratic polynomials with integer coe cients. Zagier showed that these functions have several surprising properties and are related propertieser4r 1 Tf ( )59jectj /T1_3 1 Tf 3.186 0 Td (of)Tj /T1_1act:f ( )Tj c4H0 H /T1_3 1 Tf 4.484 0