1056-11-824　　　　　**Kimberly Hopkins*** (`khopkins@math.utexas.edu`), Univeristy of Texas at Austin, Department of Mathematics, C1200, Austin, TX 78712. *Higher weight Heegner points.*

We formulate a conjecture which partially generalizes the Gross-Kohnen-Zagier theorem to higher weight modular forms. This involves constructing higher weight analogues of Heegner divisors on a certain complex torus defined by the periods of a modular form. We will present some of our current results and progress towards its proof. (Received September 17, 2009)