1085-57-51 Ilesanmi Adeboye* (iadeboye@wesleyan.edu). Volume in Complex Hyperbolic Geometry. Complex hyperbolic space is the complex analogue of (real) hyperbolic space. A complex hyperbolic orbifold is the quotient of complex hyperbolic space by a discrete group of isometries. In this talk, I will define the projective model of complex hyperbolic space. I will then prove an explicit lower bound for the volume of a complex hyperbolic orbifold, depending only on dimension. This is joint work with Guofang Wei. (Received August 23, 2012)