1116-05-1584 **Oscar Vega*** (`ovega@csufresno.edu`), Department of Mathematics, California State University, Fresno, 5245 North Backer Avenue M/S PB 108, Fresno, CA 93740-8001, and **Hillary Bese**. *The well-covered dimension of generalized quadrangles.* Preliminary report.

The well-covered dimension of a graph G is the dimension of the vector space of weight functions on $V(G)$ that are constant on the maximal independent sets of G. In this talk, we will present a variety of results about the well-covered dimension of the adjacency graph of classical generalized quadrangles. (Received September 20, 2015)