1014-05-910   **Dan Drake*** (`ddrake@member.ams.org`), 127 Vincent Hall, 206 Church St SE, Minneapolis, MN
55455. *A combinatorial model of the associated Hermite polynomials.* Preliminary report.

Associated Hermite polynomials were studied from an analytic perspective by Askey and Wimp; in this talk I will describe a combinatorial model for these polynomials and an involution which proves their orthogonality relation and L^2 norms. Both of these naturally generalize the model and involution for the usual Hermite polynomials.

Preprints of these and further results on these polynomials will be available. (Received September 26, 2005)