962-20-880 **Jonathan W. Brundan*** (`brundan@darkwing.uoregon.edu`), Department of Mathematics, University of Oregon, Eugene, OR 97405. *Representations of the supergroup $Q(n)$.* Preliminary report.

I will discuss some basic results on the representation theory of the algebraic supergroup $Q(n)$ in odd characteristic p. There are intimate connections to the representation theory of the double covers of symmetric groups via Sergeev's superalgebra analogue of Schur-Weyl duality, and also to the Fock space of the twisted affine Kac-Moody algebra of type $A_{p-1}^{(2)}$ via an unproved conjecture of Leclerc and Thibon. (Received September 28, 2000)