1039-16-84   **Jorg Feldvoss*** (`jfeldvoss@jaguar1.usouthal.edu`), Department of Mathematics and Statistics, University of South Alabama, Mobile, AL 36688. *Burnside's Theorem for Finite Quantum Groups.* Preliminary report.

In this talk we will prove an analogue of a slight generalization of Burnside's theorem (i.e., every simple module is a submodule of some tensor power of a faithful module) for certain finite quantum groups. We will also discuss an even more general theorem for projective indecomposable modules and consequences of these results for simple modules in the principal block. (Received March 06, 2008)