1056-46-1211 **Dawn Archey*** (archey@math.bgu.ac.il). *Crossed product C^*-algebras by finite group actions with the projection free tracial Rokhlin property.*

We introduce an analog of the tracial Rokhlin property, called the *projection free tracial Rokhlin property*, for C^*-algebras which may not have any nontrivial projections. Using this we show that if A is an infinite dimensional stably finite simple unital C^*-algebra with stable rank one, with strict comparison of positive elements, with a unique tracial state, and with the property that every 2-quasi-trace is a trace, and if α is an action of a finite group G with the projection free tracial Rokhlin property, then the crossed product $C^*(G, A, \alpha)$ also has stable rank one. (Received September 21, 2009)