1077-20-266 Joseph Kirtland\* (joe.kirtland@marist.edu), Department of Mathematics, 3399 North Road, Poughkeepsie, NY 12601. Finite Groups with all Subgroups not Contained in the Frattini Subgroup Permutable.

Let G be a finite group. A subgroup H of G is a *permutable subgroup* of G if HK = KH for all subgroups K of G. It will be shown that if all subgroups not contained in the Frattini subgroup are permutable in a group G, then all subgroups are permutable in G. (Received August 17, 2011)