1046-46-1280   **Alan D Wiggins*** (`alan.d.wiggins@vanderbilt.edu`), Department of Mathematics, 1326 Stevenson Center, Vanderbilt University, Nashville, TN 37240. *Normalizers of Subalgebras of II$_1$ Factors.*

Given a subalgebra B of a II$_1$ factor M, define the groupoid normalizers $\mathcal{GN}(B)$ of B in M as all partial isometries $v \in M$ such that $vBv^*, v^*Bv \subseteq B$. We show that when $B_i' \cap M_i = \mathcal{Z}(B_i)$, $i = 1, 2$, then

$$\mathcal{GN}(B_1)''\overline{\otimes}\mathcal{GN}(B_2)'' = \mathcal{GN}(B_1\overline{\otimes}B_2)''$$

This is joint work with Roger Smith, Stuart White, and Junsheng Fang. (Received September 15, 2008)