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Thomas Cassidy* (tcassidy@bucknell.edu), Mathematics Department, 1 Dent Drive, Bucknell University, Lewisburg, PA 17837, and **Michaela Vancliff**. *Skew Clifford Constructions*. Preliminary report.

I will describe on-going work with M. Vancliff on skew versions of Clifford algebras. Motivated by results of Le Bruyn, we previously introduced N-graded skew Clifford algebras and showed how an associated geometry could be used to produce several families of quadratic Artin-Schelter regular algebras. More recently, we have defined a family of algebras as a skew generalization of the classical Clifford algebras. I will describe how these new algebras differ from the classical model, and discuss connections with the N-graded skew Clifford algebras. (Received June 30, 2016)