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David Hill, Dept. of Mathematics, University of Virginia, Charlottesville, VA 22904, **Jonathan Kujawa***, Math. Department, University of Oklahoma, Norman, OK 73019, and **Joshua Sussan**, Vivatsgasse 7, Bonn, Germany. *Representations of the Degenerate Affine Hecke-Clifford Superalgebra.*

If we wish to study the representation theory of the symmetric group it is often natural to study the degenerate affine Hecke algebra. We then obtain the symmetric group theory as a consequence of the more general setting. If we wish to study the spin representations of the symmetric group, then in an entirely analogous way we are led to study the degenerate affine Hecke-Clifford superalgebra.

We define an analogue of the Schur-type functor of Arakawa and Suzuki. In their work the functor is between category \mathcal{O} of the Lie algebra $\mathfrak{gl}(n)$ and the degenerate affine Hecke algebra. In ours it is between category \mathcal{O} of the Lie superalgebra $\mathfrak{q}(n)$ and the degenerate affine Sergeev superalgebra. Using this functor we provide a description of the integral simple modules for this algebra in terms of the type B analogue of Zelevinsky's multisegments. (Received August 25, 2011)