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**Carrie E. Finch\*** ([cfinch@math.sc.edu](mailto:cfinch@math.sc.edu)), Department of Mathematics, 1523 Greene Street - LeConte College, University of South Carolina, Columbia, SC 29208. *Explicit generalized Pieri maps and their inverses.*

In their 1992 paper, Maliakas and Olver demonstrate a construction for maps between certain Weyl modules. Using the relationship between Schur modules and Weyl modules, we construct inverses for their generalized Pieri maps. In this paper we discuss this construction and its application to a minimal free resolution of the universal ring. (Received March 03, 2006)