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Maalee N Almheidat* (almhe1mn@cmich.edu), 1506 E Gaylord St, Mount Pleasant, MI 48858,
and **Felix Famoye** and **Carl Lee**. *Some generalized families of Weibull distribution.*

In this paper, six new families of T-WeibullY distributions arising from the quantile function of a random variable Y are introduced to generalize Weibull distribution. Some of their properties are studied. Different examples of the T-WeibullY distributions are presented and the flexibility of these examples are illustrated by some applications to real life data sets. (Received January 20, 2015)