1086-VI-976 **R M Al-Aqtash*** (`alaqt1rm@cmich.edu`). *On Generating New Generalized Distributions Using the Logit Transformation.*

A new family of distributions is defined by combining two continuous distributions through logit transformation. A member of this family, the Gumbel-Weibull distribution is studied in detail. Some properties, including shapes, modality, moments, skewness, and kurtosis , and applications to some real world data will be presented. (Received September 17, 2012)