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**Torrey M. Gallagher\***, tmg012@bucknell.edu. *An overview of mean nonexpansive mappings.*

The notion of a mean nonexpansive mapping was introduced by Goebel and Japon Pineda in 2007 as a generalization to the usual notion of a nonexpansive mapping. Since then, there have been many results pertaining both to the general behavior of mean nonexpansive mappings as well as their fixed point properties. We will present a survey of these results, including basic fixed point theorems, a classification of mean isometries, a demiclosedness principle, and a generalization to the definition with open questions highlighted throughout. (Received July 30, 2018)