1145-VP-866   **Michael R Yatauro*** (`mry3@psu.edu`), Penn State - Brandywine, 25 Yearsley Mill Rd., Media,
             PA 19063. *The Current State of Best Monotone Theorems in Graph Theory.*

In 2015 Bauer et al. published the article Best Monotone Degree Conditions for Graph Properties: A Survey in the journal Graphs and Combinatorics. Since this time, a few more best monotone degree condition theorems have be derived. In addition, various authors have produced new results by utilizing best monotone degree theorems found in this survey. The purpose of this talk is two-fold. First, we will introduce the concept of a best monotone degree theorem for those who are unfamiliar. Then, we will discuss recent related results and open conjectures. (Received September 16, 2018)