

1096-G5-1756 **Reza D Noubary*** (rnoubary@bloomu.edu). *Survival Analysis of the Athletic Records.*

Sports provide an inexhaustible source of fascinating and challenging problems in many disciplines. Records set in different sports shed light on human strengths and limitations and provide data for scientific investigations, training, and treatment programs. This article presents a method for survival analysis of athletic records and demonstrates that using the data for the men's 100 meter dash. It uses threshold theory and the theory of records assuming attempts to break records occur either geometrically or according to a non-homogeneous Poisson process. (Received September 16, 2013)