1163-F5-1244   **Amanda Harsy*** (`harsyram@lewisu.edu`), IL, and **Megan Vesta**, **Sheila Lesiak** and **Maria Rodriguez Del Corral**. *A Markov Chain Model For Predicting College Baseball.*

Ranking sports teams can be a challenging task, and using straight win percentage can be misleading at times. Among the many mathematically inspired sports ranking systems, linear algebra methods are among the most elegant and simple. In this research, we focus on applying a Markov chain method to predict the future results of NCAA Division 1 College Baseball. In particular, we investigate whether win streaks can help predict the final standings for college baseball. (Received September 15, 2020)