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Nicholas Taylor* (nicholas.taylor@my.minotstateu.edu) and **Narayan Thapa**
(narayan.thapa@minotstateu.edu). *Markov Chain Applications to Baseball Run Forecasting.*

A baseball general manager's goal is to field a competitive team of players while operating under defined financial restraints. In recent years, advanced baseball statistical research and analysis, spurred by Billy Beane's Moneyball A's, has driven many teams to install their own statistical divisions to demystify predictive uncertainty. In this presentation, we consider Markov Chains as a forecaster of a player's offensive potential to predict the team's run-scoring capacity. (Received September 16, 2013)