

1106-H5-1844 **Paul Britton** and **Carl Yerger***, Davidson College, Department of Mathematics & Computer Science, Davidson, NC 28035. *Boxing in Basketball: A Round-By-Round Analysis of the American College Game.*

In the last two decades, basketball coaches have increasingly relied on statistical analysis to determine teaching points for their teams. Davidson College men's basketball coach Bob McKillop divides each game into ten "rounds", with a round ending at each media timeout and at halftime, and gives his team several "round" goals for every game. Two particular goals are winning both rounds five and ten, and winning several rounds overall. How does winning more rounds affect the probability of winning the game? What other factors (such as field goal percentage, home-court advantage) are most descriptive in winning a game? Can looking at the results of multiple rounds give more information than just looking at the results of one round at a time? Come and learn about updates and new analysis obtained since a version of this research was presented in 2012 at the JMM. (Received September 15, 2014)