



**Speaker:** Tim Chartier  
Davidson College

Thursday, November 13, 2014  
1:00 PM  
258 Hurley Hall

**Title:** Sports by the Numbers: from Davidson to Notre Dame

**Abstract:**

What really counts in sports? Numbers are inherent in athletics from tracking the score of a game to logging a player's performance. In the 1990's, Moneyball, as the analytics movement more formally known as sabermetrics has become known, revolutionized baseball. In the fall of 2013, Dr. Tim Chartier of the Department of Mathematics and Computer Science at Davidson College, along with 4 Davidson College students, began analyzing data for the men's basketball team. In the fall of 2014, Tim, through the support of National Amateur Sports, created another team of undergraduate sports analysts to study football, men's and women's soccer, and women's volleyball at Davidson. The group analyzed college sports while also mentoring sports analytics groups formed in the local public school district. The high school program is being piloted this year as an internship program to provide after school, athletic - based learning opportunities and hands-on experiences for high school students in the areas of information, digital media and data analytics. What statistics help and which ones might be misleading in sports? How could you get started in sports analytics at the college or high school level? How do you begin getting analytical about sports and gaining insight in the numbers?