

The World of Mathematics and Statistics

SWARTHMORE COLLEGE • DEPARTMENT OF MATHEMATICS AND STATISTICS • COLLOQUIUM SERIES 2018-2019

Math/Stat Colloquium

The Continuing Evolution of Baseball Analytics

In this talk, we will touch on the role data and technology currently play in the decision-making processes of Major League Baseball front offices. We will start with an example of how an analyst on the internet asked a simple question and caused a drastic shift in how teams evaluate players. From there, we'll discuss how newer datasets continue to drive clubs to rethink their evaluation methodologies, and we'll touch on some of the predictive modeling techniques teams use to analyze data today. Finally, we'll examine the give-and-take between analysts and on-field personnel, debunking the myth that an organization that integrates data and analytics necessarily stops valuing more subjective evaluation methods.



Sarah Gelles



**Director, Analytics & Major League
Contracts at Baltimore Orioles**

**Tuesday, September 25, 2018
SC 199, Refreshments 4:15pm, Lecture 4:30pm**