

Rocky Mountain INFORMS: Save the Date – October 14, 2021 6pm

Title: [Operations Research Applications in Sports](#)

ABSTRACT

The sports analytics industry is rich with interesting problems requiring the application of probabilistic modeling, statistical learning, and optimization. Automated solutions to these problems, at the scale of major sports leagues, lean heavily on data science methods in order to navigate from data acquisition and storage to the presentation of results on a highly trafficked, web-based user interface. This talk introduces a few of the exciting problems facing analysts in the fantasy sports and sports betting realms, as well as a behind-the-scenes tour of how such problems are tackled in industry.

BIO

Dr. Kristopher Pruitt is the Senior Data Analyst for Sports at FTM Analytics. His focus areas include fantasy sports projections and sports betting advising for games and players in the NFL, NBA, NHL, MLB, and NCAA. Dr. Pruitt's work is currently featured on all the NBC Sports Edge™ platforms. He is a 2012 doctoral graduate of the Colorado School of Mines, a 20-year military veteran, and a former Associate Professor of Mathematical Sciences at the United States Air Force Academy. He currently resides with his wife and two children in Monument, Colorado.