

# Matrix-Based Ranking Predictions

What: **Bi-State Colloquium**

When: **Friday, April 13, 4pm**

Where: **Loras College, Hennessy 350**

Who: **Alli Ewald**



One of the largest sports betting events of the year in the United States is during the March Madness tournament. For my research project we are looking at different methods to predict the outcomes of the tournament. In this talk, I will discuss several matrix-based methods that we have considered and compare the accuracy of the predictions for each method at the end of the regular season to the outcome of the tournament for men's Basketball in the IIAC. Then I will go on to discuss which method we used to predict the outcomes for the NCAA D1 Men's Basketball Championship.

Alli Ewald is a senior math and business analytics double major at Loras. This presentation is in partial fulfillment of the Loras College mathematics major.