

Bi-State Math Colloquium

Who: Corey Manack

When: Thursday, March 10, 4:00 pm

Where: Ottensman 124, UW-Platteville

Mathematics of the Board Game RISK

RISK is the game of world domination. During a typical round, players take turns attacking opponent territories by rolling dice. Probabilities of conquering an enemy territory are essential for effective strategy. After discussing conquer odds, we will investigate a few math problems, related to the four-color theorem and tournament scheduling, which emerged from designing RISK-like boards on the RISK-clone websites warfish.net and wargear.net.

Time permitting, we will conquer the world.

Corey Manack graduated with a Bachelors of Science from Ohio State University, and received his Masters of Sciences and Ph.D. from Indiana University. He traces his interest in mathematics to the Cookie Monster Cookie Counter, which he got as a Christmas present in 1984.



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