



**FREE
LUNCH**

Faculty Talk Series

By Math-Stat Graduate Student Association

Title:

Tactical Mathematics: A Career, In Theory

Abstract

In this talk, I will describe my path from academic mathematical physics to applied mathematics with the US Intelligence Community to tech entrepreneurship. Along the way I'll discuss patterns I've encountered, through both success and failure, when using math to solve messy real-world problems. This work often requires moving across disciplinary boundaries, finding structure where none is obvious, and combining rigor, computation, approximation, and intuition in surprising ways. I'll also discuss the human elements - uncertainty, collaboration, confidence, imposter syndrome, and the superpower of being willing to look stupid. Far from being distractions from the "real" work, these things - along with sharp mathematical reasoning - form a reliable compass for navigating shifting goals, challenges, and unfamiliar territory.

Bio

Dr. Robinson worked for nearly a decade for the Department of Defense, developing and deploying the next generation of advanced information security measures for the DoD, DHS, DoJ, and the Intelligence Community. Matt earned his Ph.D. in String Theory, Mathematical Physics, and Particle Physics

Speaker:

Dr. Matt Robinson

FOUNDER / CHIEF SCIENTIST, RAMPART



**WEDNESDAY,
OCT 07, 2026.**



**12:00 PM
LOCATION: MP103**

Co-Hosted by SIAM UMBC Chapter