

Faculty Advisors: LTC Alex Katauskas, MAJ David Fobar, CPT Kevin Filip

Problem: Measuring radiation after a nuclear device detonation is slow and dangerous, which restricts where units can operate on a battlefield.

Solution: ScRaM is an artillery delivered sensor network that can detect radiation gaps in real time, enabling exploitation by ground commanders.

Team Members:

EECS- CDTs Ryan Christel (Class of 2024), Evan Lee (Class of 2024), Na'im McCarty (Class of 2024), Muhammad Syahmi (Class of 2024), Ryan Yi (Class of 2024)
Nuclear Engineering- CDTs Caden Blust (2024), Liam Waldron (Class of 2024), Ethan Wood (Class of 2024)
PANE Machine Learning- CDT Samuel Ague (Class of 2027)
PANE Photonics- CDTs Keaton Dewiler (Class of 2024), Nathan Carrol (Class of 2025), Brandon Spence (Class of 2025)
Mechanical Engineering- CDT Sebastian English (Class of 2026)

Approved for Public Release