

THE ELEVATE EFFECT

April Adventures

11 Apr 2025

SIF Council Overview

The Squadron Innovation Fund Council is made up of representatives from each of the Wing's 16 Squadron's. They're responsible for being that "arm" from Elevate to their respective squadron, submitting projects for said squadron, and assisting in the execution for those projects. Additionally they serve on a board and vote on FY project submissions based on criteria set by AFWERX/HAF innovation.

The SIF Council Voting for FY25 recently concluded and funding will be given to 4 of 6 projects submitted this year, given the FY25 SIF budget. These projects are currently in the beginning stages of execution. Results below!

- VISION PASS (SFS)
- AI Flood Dashboard (CES)
- MPF Customer Service System (FSS)
- Virtual Patient Interactive Trainer (AES)

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Position Available!

"The biggest obstacle to innovation is often the fear of failure."

-Scott Belsky

Elevate currently has a position available. We are looking for an NCO/SNCO interested in leading & promoting innovation. Desired duties include but are not limited to: project management, local partnership engagements, lab equipment management, 3-d printing, strong foundation of Microsoft Office skills, and problem set curation/ ideation. Candidates with other fundamentals skillsets such as welding, robotics, construction etc. will be accepted as well.

What is Signal Sentinel?

Signal Sentinel is a solar powered 3-D printed rover, capable of providing internet connectivity to any given area, including austere environments. This project is the genius of MSgt Matthew Sabo where he thought of a solution to a very real futuristic problem— providing reliable and redundant mesh connection in a combat environment, minimizing the human footprint and workload. Signal Sentinel does this by way of numerous rovers being remotely programmed with a way-point mission, and equipped with the ability to pair with each other to create a mesh network for a given area, or say island depending on how many rovers are used. This capability will provide network connectivity to airman in the next fight, whether it's on an island chain, or other remote environments.

Signal Sentinel was recently selected as a Top 6 finalist for the Air Force's Spark Tank 2025 Competition out of 441 submissions. It is currently being tested in small scale exercises, and will be showcased at Scott's upcoming Open House. MSgt Sabo will travel to the Pentagon in September to brief Senior Leaders on the capability in hopes of a Spark Tank win.

Elevate offers some unique opportunities like 3-D printing classes. Check out our quick Links!

To request services from Elevate: [Click Here](#)
To request a seat for a 3D printing class: [Click Here](#)



Signal Sentinel