

WOLF Goldstar Youth Program July 2021

Providing Gold Star and Blue Star Youth Summer Leadership and Career Readiness Program

Science, Technology, Engineering, and Math (STEM) Skills to be Future Leaders

Since 2012, WOLF has complimented Goldstar youth undergraduate education with an outdoor leadership, mentors and technical program emphasizing skills necessary to secure internships or entry-level positions.

Our mission is to provide an intensive, STEM skills leadership program actualized through realistic first responder scenarios that prepares Gold Star and Blue Star youth to be successful global citizens.



Warrior Outdoor Leadership for the Future **SOFWOLF 2021** Overview:

Application Deadline: February-March 2021 - go to SOFWOLF on LinkedIn

Selection/Invitations: March 2021

Mid-June: Online intro to curriculum: Using drones and integrated sensors for search and rescue scenario. Students will receive on-line education and get FAA 107 certified in commercial drone

July 2021 Hosted Drone and Outdoor Leadership Curriculum at Brigham Young University (BYU).

Woman-Owned. Founded by Veteran SOF, Peace Corps, mission planning JTEA and GIS entrepreneurs. Thank you to Visual Awareness Technologies and Consulting (VATC) for donating and becoming a lead 'WOLF' in Corporate Social Responsibility (CSR).

SOFWOLF 2021 July - Drone Design, Build and Compete with First Responders and Engineers.

Intelligent systems: Unattended sensors, unmanned land, sea, and aerial vehicles, Cyber and counter cyber tactics

Outdoor/Practical: assembly, map and compass use to determine flight path in GPS denied areas; testing FAA unmanned pilot certification, mission planning and flightpath.

Cyber-Analytics: Understanding threats and counter threat strategy to robotics designed mission.

Robotics and Autonomous Systems: artificial intelligence, real time control, user interface, data analysis and sensor fusion and potentially autonomous races!

Differentiators

STEM Problem solving with mentors with a track record of success for students to secure internships in areas of Machine learning, Automation, Robotics and Space (MARS).

Integrated team – working with accredited colleges - thrives on providing mentorship and supported curriculum at the intersection of undergraduate career building support, leadership and engineering skills.

Up to 15 students annually - designed to support students with diverse mentors.

Over 40 years of combined experience in international development, mission planning and engineering expertise.

Key Personnel Experience

Extensive work with linking students to mentors in career areas of interest.

Work with experts to design and build full-size UAV, design autonomous flight path or program perimeter protection in an austere environment.

Instruction in design and production intelligent sensors

Mentor Experience in supercomputing and big data

Partnerships/Internships

WOLF is working with mentors in first responder technology, drone industry, Epic Games, and additive manufacturing companies around the country to understand the use of simulated and live joint mission planning scenarios and assessment tools in support of emergency response preparedness at the local, state and federal level. Long term, WOLF is providing research and building a game league framework and joint initiatives that will allow teams to go on line to co-design drones, test, compete in various use case scenarios. Select team will be invited to various live competitions, where their CAD designs will be outputted to 3D/4D printers in support of terrestrial needs and space exploration.