

# NSWC Crane Artificial Intelligence for Small Unit Maneuver (AISUM) Prize Challenge



*CAPT Duncan McKay, USN  
Commanding Officer*



*Ms. Janna Foxx  
Acting Technical Director*

- **Mr. Andy Brough: Expeditionary Warfare Lead**
- **Mr. Dan Cabel: Special Operations Liaison**
- **Mr. Blake Busey: Physical Drone Team Lead**
- **LCDR Tony Vespa: Beta Team Lead**
- **Dr. Brent Reynolds: Virtual Team Lead**
- **Dr. Josh Borneman: Technical Team Lead**
- **Ms. Marissa Wagler: Contracting Team**
- **Mr. John Dickinson: Contracting Team**
- **Mr. Eric VanWiltburg: Legal Team Lead**

- **Purpose**
  - **AISUM Prize Challenge is focused on cultivating academic and non-traditional companies' participation. The goal is to break the concept down to smaller, more attainable levels of capability aligned to a competition format to provide for incentive and interest.**
- **ONR funded**
- **Phased Approach**

# Plan of Action and Milestones (PoAM)

PHASE	DATE	EVENT
Phase I	December 2020	Post AISUM Prize Challenge info to Challenge.gov
Phase I	January 2020	Review White Papers, Select 25
Phase I	February 2020	Virtual White Paper Presentations
Phase II	February 2021	AISUM Simulation Environment Development
Phase II	March 2021	AISUM Virtual Vignette 1
Phase II	April 2021	AISUM Virtual Vignette 2
Phase II	May 2021	AISUM Virtual Vignette 3
Phase II	June 2021	Selection of 3 Teams for Final Exercise
Phase II	July-Aug 2021	Plan for final exercise @ MUTC
Phase III	September 2021	Final Exercise @ MUTC
Phase IV	FY 22	FAR

