

Dorr Foundation Awards Cape Cod Ocean Community \$22,050 Grant for Shark Behavior Study

Wellfleet, MA, April 4, 2022. The Cape Cod Ocean Community (CCOC) and Moosh Systems received \$22,050 from the Dorr Foundation Grants Program for an advanced drone-based study of nearshore shark behavior on Cape Cod.

Moosh Systems is a research and development organization working to advance drone-based imaging systems for shark detection while at the same time pioneering the use of drones to study nearshore shark behavior off the coast of Cape Cod. The company is led by Kristian Sexton, PhD, a scientist and engineer with expertise in optical systems and aviation.

CCOC's (a 501(c)3 nonprofit coalition of volunteers) mission is to establish safer beach recreation using technology to co-exist with sharks. They strive to preserve and promote the ocean way of life of those living, working, and vacationing in our coastal communities. CCOC believes that the work of Moosh Systems closely aligns with its stated mission and is excited to collaborate to meet its goals.

The project will build on previous work utilizing drones in combination with Moosh Systems' proprietary software to gain novel insight into great white behavior. There will be a strong educational component as well with Moosh Systems working closely with the Nauset Regional High School (NRHS). Moosh Systems will provide a paid internship opportunity for a qualified student from NRHS who will assist in data collection and analysis. Moosh Systems will also engage with the larger community at NRHS through presentations of their ongoing work and plans to provide further opportunities for direct student involvement in the scientific process."

A greater knowledge of nearshore great white behavior is essential to understanding the risks posed by these animals as well as to developing mitigation strategies. This project will provide information that is of interest to both conservationists and those concerned with ocean safety. At the same time, this project will provide a unique research opportunity for a local high school student and ideally foster an interest in science and engineering that extends to the broader student audience.

For further information, use these organizational links:

[Cape Cod Ocean Community](#)

[Moosh Systems](#)