

Dear <potential sponsor>,

I'm writing for Community Boating, Inc.'s Junior Sailing Program to announce the launch of **RoboSail**, a STEM (Science, Technology, Engineering, and Math) high school program for students to code and operate robotic model sailboats using on-board computers, sensors, and servo motors. I'm seeking your support of this wonderful program for high school students.

With **RoboSail**, students will program what they know about and feel when sailing into a computer. During the program there is friendly competition to inspire participants as they master the technical material. The goal is to empower and encourage students – especially girls, who may not have been previously exposed to engineering projects but may be involved in sailing and nature activities – to explore additional education and careers in STEM fields.

We expect the participating students to:

- Have pride in their ability to learn and apply technical concepts to challenging problems.
- Deepen their understanding of the physical principles and strategies involved in sailing.
- Feel that their time in the course was well-spent and want to continue in CBI programs.

Our goal is to raise \$6,000 for curriculum development, robotic sailboat platform design, and materials that students will use for the program. We will invite 18 students to participate in the pilot with adult volunteers and mentors. We aim to create:

- A reliable, easy to use, easily supported robotic sailboat platform with Arduino computer, electronic sensors for GPS, compass, and wind direction, interconnect wiring, and waterproofing for electronics.
- A training program for adult volunteer instructors.
- A student curriculum for a 5-day course.

As a sponsor, we could display your logo on our boat or acknowledge your participation to the larger community. Thank you in advance for your consideration and for your desire to make a difference for kids and support STEM education!

If you have any questions about the project or our Junior Program in general, I can be reached by email at [ginger@community-boating.org](mailto:ginger@community-boating.org) or by phone at 617-523-1038 ext. 16.

Sincerely,