



SPONSORSHIP PROPOSAL

Solar Racing Team Officers:

President	Weibin Gu
Vice President	Ivan Lin
Treasurer	Eva Lu
Secretary	Nicolas Mercier
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Business Lead	Evan Kusa
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About Solar Racing Team

The Solar Racing Team is a student run technical organization comprised of engineering undergraduates whose primary annual goal is building a solar-powered race boat for the annual IEEE Power Electronics Society (PELS) International Solar Splash Competition. Stony Brook Solar Racing Team strives to compete against groups from other Universities every year.

We are the only student organization at Stony Brook University that utilizes cutting-edge technologies such as photovoltaics and composites. Students in our machine shop design and fabricate motor controllers, drivetrain, composite molds, solar panels, hydrofoils, control systems, steering systems, and various other mechanical/electrical devices. Our dedicated members meet every week throughout the academic year to design, fabricate, and test our boat. Our organization is modeled after engineering companies, where each member has several roles in the success of the team. Team members have many opportunities to apply their technical knowledge, be creative, and improve project management skills.

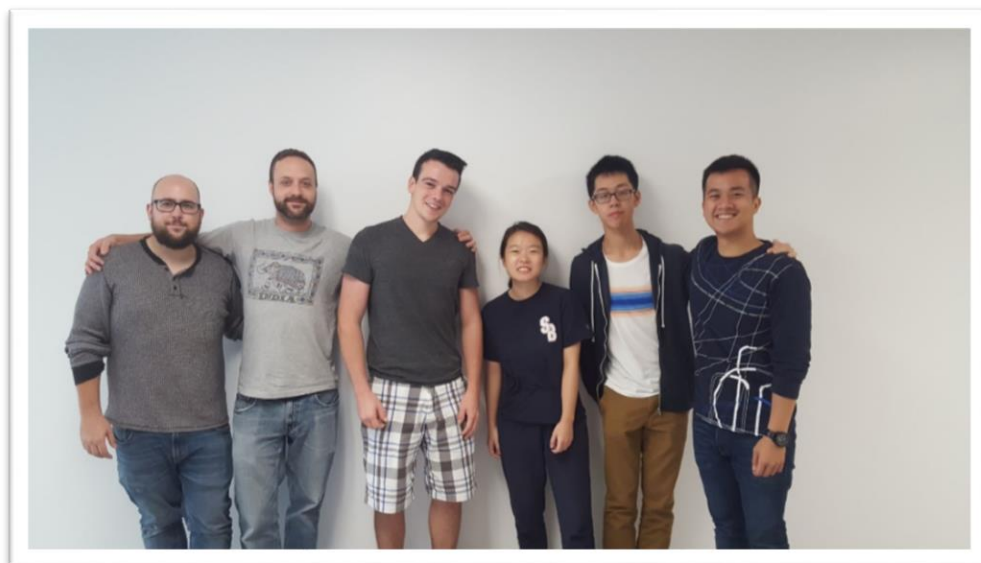
At the Solar Splash competition, engineering teams from across the U.S. compete in a variety of events, including endurance, slalom, and sprint. Restrictions are placed on hull design, battery weight, and solar output to simulate real life limitations and stimulate creativity. Teams are judged based on performance in:

Race Events:

- Sprint – 300-meter drag race
- Slalom – sprint around buoy course
- Endurance – complete the most laps around a 660-meter course in four hours

Design Criteria:

- Technical Report
- Visual Presentation
- Hull Design
- System Design
- Propulsion Design
- Solar-Electrical Design
- Manufacturing

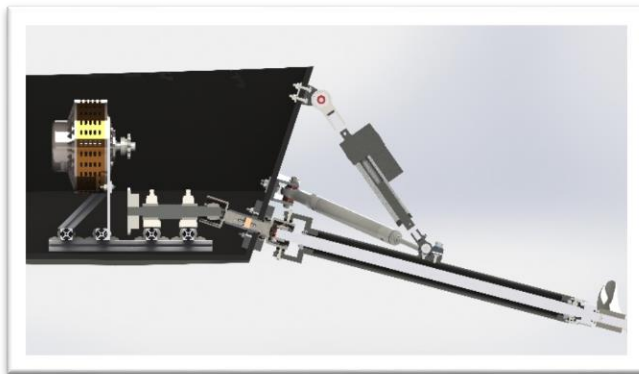


Sponsorship

Support from sponsors is what drives Stony Brook University's Solar Racing Team. Without the commitment of our sponsors, the team would not be able to enhance our performance and continue to improve. All monetary donations go toward helping us succeed at the annual Solar Splash competition. Your support helps fund the competition registration, manufacturing, repairing and testing our vehicle, the transportation of it and the team across the country, the purchase of new parts, machines and materials. In addition to monetary donations, some of the ways you can support us include:

- Donating raw materials
- Offering discounts on parts, materials, equipment, manufacturing services
- Donating unused material, equipment, manufacturing machines, or moving vehicles
(all donations are tax deductible)

Our budget is available upon request.



Past Awards and Performance

2017

- 11th Place: Overall

2015

- 14th Place: Overall

2015

- 14th Place: Overall

2014

- 1st Place: Overall
- 1st Place: Solar Slalom
- 2nd Solar Endurance
- 2nd Sprint

2013

- 2nd Place: Qualifying
- 3rd Place: Solar Slalom
- 5th Place: Overall
- 2nd Solar Endurance
- 2nd Sprint

2012

- 15th Place: Overall

2011

- 17th Place Overall

Recognizing Your Support

For sponsors, supporting Stony Brook's Solar Racing Team is not only an effective way to show your support of innovation in alternative energy but is also a strong opportunity to advertise your business in Ohio, Long Island, New York City, and to the engineering community. Our success would not be possible without your collaboration; our sponsors are crucial members of Stony Brook Solar Racing Team.

We want to establish a long-term relationship with each of our sponsors and we encourage you to maintain active communication with us. The following are sponsorship options and opportunities to increase your involvement with the team. Donations of parts, services, machines are also considered under the benefits (ALL DONATIONS ARE TAX DEDECTIBLE):

- **\$200 (Bronze Level):** Company name listed (on our webpage, and team shirt); certificate of appreciation; a framed team photo; invitation to demonstration day; team resume book
- **\$400 (Silver Level):** Small company logo (on our webpage, team shirts, and boat); certificate of appreciation; a framed team photo; invitation to demonstration day; team resume book
- **\$600 (Gold Level):** Medium company logo (on our webpage, team shirts, and boat); certificate of appreciation; a framed team photo; invitation to demonstration day; team resume book
- **\$1000 (Platinum Level)** Large company logo (on our webpage, team shirts, and boat); certificate of appreciation; a framed photo; 5 complementary team shirts; invitation to demonstration day; team resume book

Thank You to our Sponsors



Stony Brook University
Mechanical Engineering

Stony Brook University Solar Racing Team Sponsorship Form

Name

Title

Company

Street Address

City

State

Zip Code

Telephone

E-mail

_____ **\$200**

Bronze Level Sponsorship

Company name listed (on our webpage, and team shirt); certificate of appreciation; a framed team photo; invitation to demonstration day

_____ **\$400**

Silver Level Sponsorship

Small company logo (on our webpage, team shirts, and boat); certificate of appreciation; a framed team photo; invitation to demonstration day

_____ **\$600**

Gold Level Sponsorship

Medium company logo (on our webpage, team shirts, and boat); certificate of appreciation; a framed team photo; invitation to demonstration day

_____ **\$1,000**

Platinum Level Sponsorship

Large company logo (on our webpage, team shirts, and boat); certificate of appreciation; a framed photo; 5 complementary team shirts; invitation to demonstration day

\$ _____

Donation _____

Benefits for other amounts will be determined based on the level it falls in. Donations of parts, services, machines are also considered under the benefits.

PLEASE MAKE ALL CHECKS PAYABLE TO:

“Stony Brook University” and state “Solar Racing Team Sponsorship” in the memo-line

Please mail the check and form to 231 Engineering, Engineering Drive Stony Brook, NY 11794 and notify Solar Racing Team that a check has been mailed by emailing sbusolaracing@gmail.com