



*Design Team:*

*Nicholas Troche (President), Erin Sanehira (Vice President), Rachel Pollock (Business Manager), Rachel Bierasinski (Sponsorship Chair), David Alavradro, Michael Echter, Lucca Giannechini, Andrei Kornilov, Mike Labanowski, Ethan Siegler, Robert Simeral, Michael Torres*

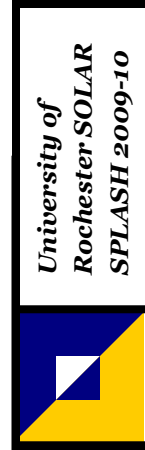
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Department of Mechanical Engineering*

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*Fayetteville, Arkansas  
June 2010  
[www.ursolarsplash.weebly.com](http://www.ursolarsplash.weebly.com)*



## Hajim School of Engineering and Applied Science at the University of Rochester

Engineering at the University of Rochester maintains a diverse, cultured, and friendly environment for the students. The facilities and technology available, and opportunity for research helps students make the most out of their education for a successful future.

### 2009-2010 Goal

The goal of the 2009-2010 design team is to create a competitive boat that will be entered into the annual Solar Splash competition. The competition is going to be held in Fayetteville, Arkansas in early June and is divided into seven areas or events of scoring where points are awarded.

Event	Points Possible
Technical Report	90
Visual Presentation	40
Qualifying	100
Workmanship	20
Solar Slalom	100
Sprint	250
Endurance	400
<b>Total</b>	<b>1000</b>

*Solar Slalom*– A test on maneuverability of the boat.

*Sprint*– A test on the top speed of the boat from two heats.

*Endurance*– A test on the efficiency of the boat.

[www.Solarsplash.com](http://www.Solarsplash.com)

### Ideas

This year, the design team decided on a Classic Everglades pole boating design. We also decided on an outboard drivetrain . There will be two configurations ; one for endurance and one for sprint and slalom. Please visit our website for more information ([www.ursolarsplash.weebly.com](http://www.ursolarsplash.weebly.com))

Donation Levels	
Platinum	\$500 +
Gold	\$250-500
Silver	\$100-200
Bronze	\$25-100

### Sponsorship

#### Possible Areas for In-Kin Donations

- Epoxy
- E-glass
- PWM controller (pulse width modulation)
- 480 Watt Solar Panels
- PMG 080 PM Motor
- EMC Drop in Etek Motor (PM)

#### The Benefits of Sponsorship

The Solar Splash competition is an international event that is attended by the public as well as multiple schools from around the world. All of the donors will be represented on our visual display, our website, and our t-shirts. The Top 3 platinum level donations will be represented by a logo on the side of the boat. You will also receive exclusive access to our design report.

## Information Response Form

**\*Please Call, Email (See contact Info), Or Mail this Form if interested for Consultation.**

Company Name: \_\_\_\_\_

Contact Rep: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Sponsorship Type:

Please circle appropriate type.

◇ Monetary

◇ Material

Mail To:

Rachel Bierasinski

500 Joseph C. Wilson Blvd.

CPU Box 272140

Rochester, NY 14627

**Thank You for your consideration!**