



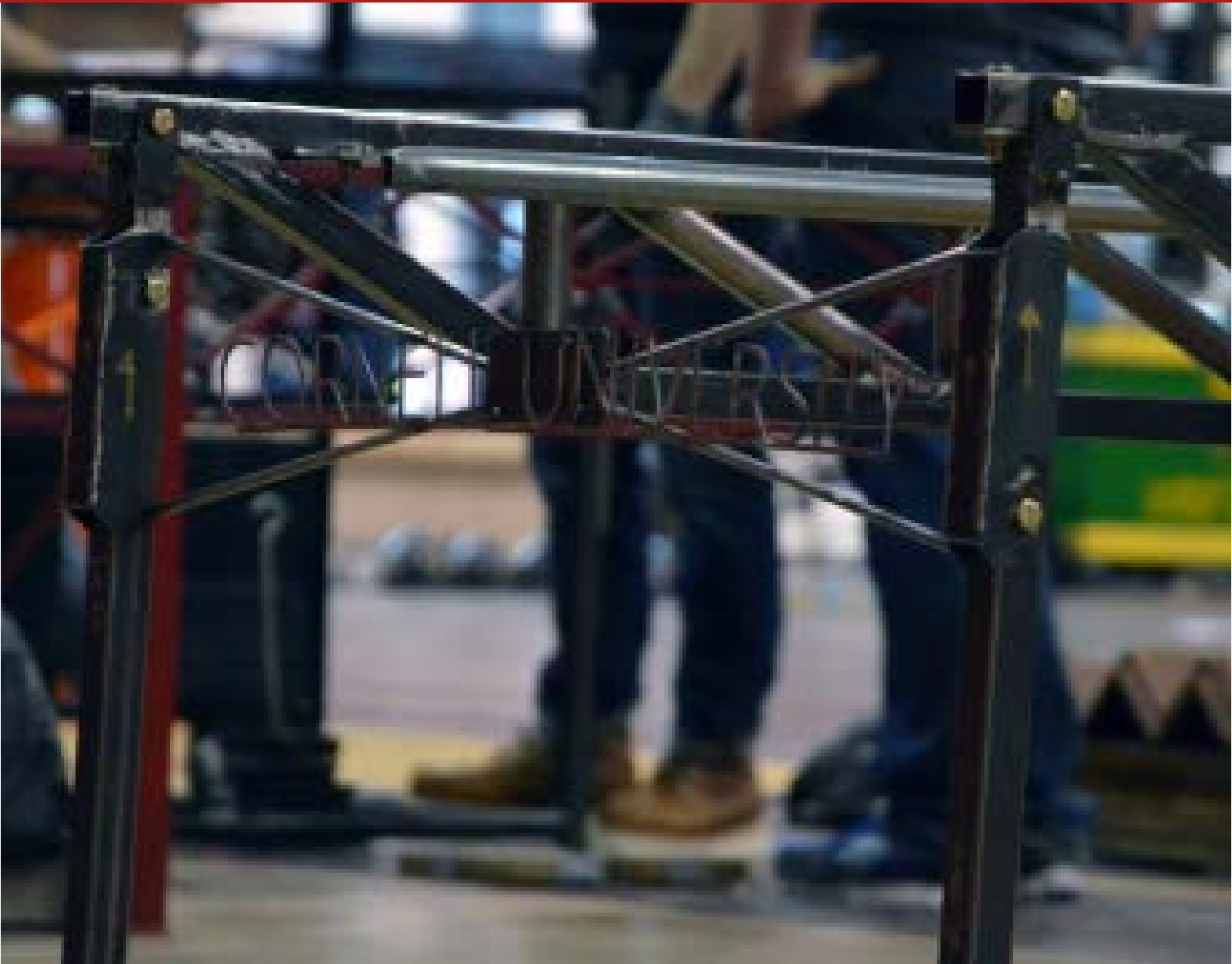
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**CORNELL UNIVERSITY™**

**STEEL BRIDGE PROJECT TEAM**

**2016-2017 Sponsorship Packet**

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# NATIONAL STUDENT STEEL BRIDGE COMPETITION (NSSBC)

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The Cornell Steel Bridge Project Team welcomes you to join and support us as we pursue the upcoming National Student Steel Bridge Competition (NSSBC), which will be held at Brigham Young University in May 2016. Since 1992, this event has been organized by ASCE and AISC as a means to compliment student growth and professional development through hands-on experience. In this inter-collegiate competition, participants are responsible for the design, fabrication, and construction of a scaled bridge. During the competition, the bridge is constructed on site and then subjected to both a horizontal and a vertical load test. This year, the competition challenges students to engineer a bridge that spans across an 6' 6" wide river and supports over 2500 pounds of vertical loading. The bridges are judged on the following criteria: display, construction speed, lightness, stiffness, construction economy, and structural efficiency.



# MISSION STATEMENT AND MEET THE TEAM

The Cornell University ASCE Steel Bridge Project Team aspires to foster leadership, problem-solving skills, and hands-on field experience in civil engineering. Our 26-member team unites students across multiple colleges and majors, including:

- ILR (Industrial and Labor Relations)
- Materials Science
- Computer Science
- Mechanical Engineering

During the fall, we hold bi-weekly meetings to develop the design of our bridge. Students work in small groups and offer feedback to each other in order to refine their ideas before presenting their final design to the group at large. As winter approaches, we finalize our design and begin fabrication to build our bridge for the NSSBC in the spring.

Although we are a relatively new team (Cornell rejoined the NSSBC in 2010), we have been on the rise. In the last three years we have placed:

- 1st in Economy
- 1st in Construction Speed
- 5th Place Overall
- 1st in Oral Presentation
- 1st in Bridge Display

This year, we intend to finish in the top tier of our region and qualify for the national competition. Outside of preparing for the NSSBC, Steel Bridge is involved in a number of community outreach activities, including:

- Society of Hispanic Professional Engineers (SHPE) Science Day
- Boy Scout STEM Day
- Cornell's Women in Engineering Outreach Program



# BENEFITS OF SPONSORSHIP

Cornell's Steel Bridge Team prides itself on being completely student run from start to finish. We are responsible for AutoCAD modeling, finite element analyses, machining, welding and construction. However, one of the few things we cannot provide on our own are the resources needed to transition our design into a tangible 20' model. Through your donations, you will be fostering teamwork, growth, and innovation--continuing the legacy that is Cornell Steel Bridge and making our participation in the NSSBC possible.

In addition to helping us achieve our goals, there are also many other benefits of sponsorship. First, any gift (monetary or in kind) is tax deductible. For those making personal donations, employers will frequently match your contribution, further increasing the effect of your gift. If you are donating as a corporate sponsor, you will receive the benefit of increased visibility amongst our members, who are some of the most talented engineering students in the country, and among the Cornell community at large. Additionally, donating a gift in kind is a great opportunity to showcase your newest products not only at Cornell but also to the nation at large during the NSSBC. Support for us will support you.



No contribution will go unnoticed. As a sponsor, your generosity and commitment to education will be recognized per the sponsorship levels on the following page. We would like to thank you in advance for your time and support.

# WHAT WE NEED

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If you're curious what could be of benefit, please refer to the material list on the right. This list outlines all the items we are looking for which will be crucial to our success:

**Steel**  
**Grinders**  
**Expertise**  
**Hard Hats**  
**Wrenches**  
**Nuts & Bolts**  
**Power Drills**  
**Welding Equipment**  
**CNC Machining Equipment**  
**Other items to offer? Contact us.**





# SPONSORSHIP LEVELS

Both monetary and in-kind donations will be recognized in accordance with the sponsorship levels listed. Apparel is worn by the team members year-round and post-graduation, offering a great long-term marketing item.

## Platinum (\$1,000 and over)

- 3" company logo and/or name on all team apparel, website, and competition poster
- Recognition in biannual team newsletter
- Meet and Greet with team members
- Team resume book

## Gold (\$500 to \$999)

- 2" logo and/or name on all team apparel, website, and competition poster
- Recognition in biannual team newsletter
- Meet and Greet with Team Members

## Silver (\$100 to \$499)

- 1" logo and/or name on all team apparel, website, and competition poster
- Recognition in biannual team newsletter

## Bronze (\$99 and under)

- Name recognition on team apparel, website, and in biannual team newsletter

# MONETARY DONATION FORM

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Monetary donations can be submitted through check and the following form or electronically.

Please visit: [steelbridge.engineering.cornell.edu/sponsor.html](http://steelbridge.engineering.cornell.edu/sponsor.html)

Donor Name: \_\_\_\_\_

Organization Name: \_\_\_\_\_

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

Mailing Address: \_\_\_\_\_

Zip Code: \_\_\_\_\_

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

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

Organization Website: \_\_\_\_\_

Gift Amount: \$ \_\_\_\_\_

Please make checks payable to Cornell University and attach to this form.

Do you require a charitable donation receipt? [ YES ] [ NO ]

X \_\_\_\_\_

Donor Signature

Date

Please submit this form enclosed in a letter to:

Ken Shimizu  
215 Hollister Hall  
Cornell University  
Ithaca, NY 14853-7501  
[kds76@cornell.edu](mailto:kds76@cornell.edu)



# GIFT IN KIND FORM

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Donor Name: \_\_\_\_\_  
Organization Name: \_\_\_\_\_  
Email: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
\_\_\_\_\_  
Zip Code: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Fax Number: \_\_\_\_\_  
Organization Website: \_\_\_\_\_

What is the nature of this gift in kind? \_\_\_\_\_  
What is the fair market value of the gift in kind? \$ \_\_\_\_\_  
How was the fair market value determined? \_\_\_\_\_  
\_\_\_\_\_

Is an income tax receipt required? [ YES ] [ NO ]

X \_\_\_\_\_  
Donor Signature Date

Please submit this form enclosed in a letter to:

Ken Shimizu  
215 Hollister Hall  
Cornell University  
Ithaca, NY 14853-7501  
kds76@cornell.edu



## CONTACT US

Cornell Steel Bridge Project Team  
220 Hollister Hall  
Ithaca, NY 14853



Website: [steelbridge.engineering.cornell.edu](http://steelbridge.engineering.cornell.edu)

Sponsorship Coordinator: Michelle Ip ([mvi4@cornell.edu](mailto:mvi4@cornell.edu))

Team Leader: Ken Shimizu ([kds76@cornell.edu](mailto:kds76@cornell.edu))

# THANK YOU FOR YOUR SUPPORT