A close-up photograph of a robotic arm, likely made of LEGO or similar construction, with red and black components. The background is blurred.

Stony Brook University ROBOTICS TEAM

Sponsorship Package 2018 - 2019

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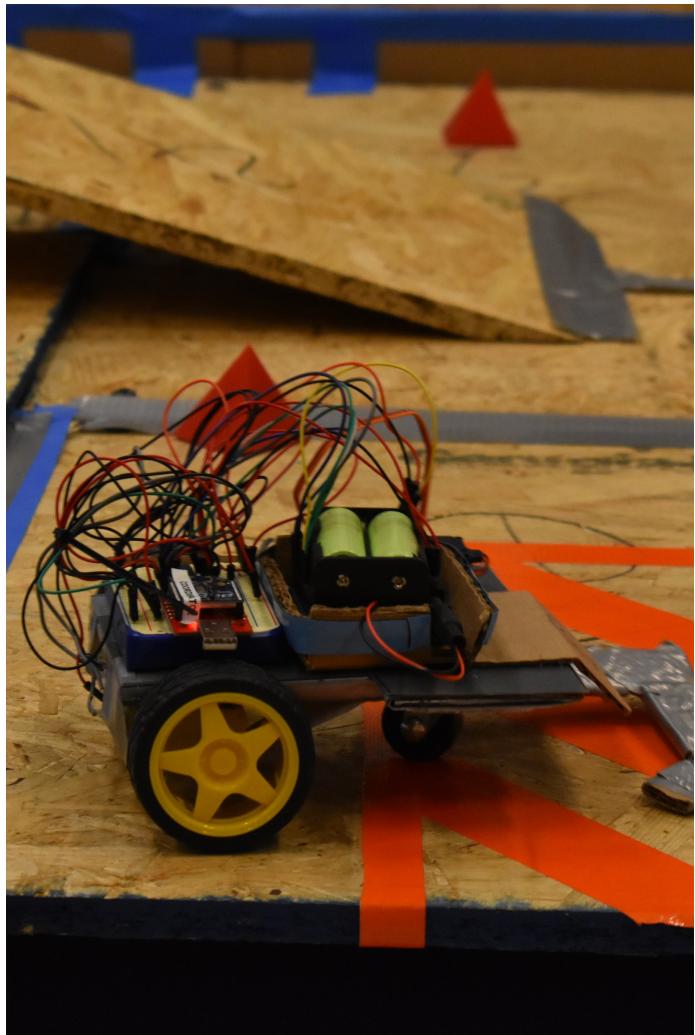
100 Nicolls Rd
Stony Brook, NY 11790-2800

Introduction



Established in 1996, the Stony Brook Robotics Team (SBRT) has expanded in the last two decades, earning the status of the largest design team on campus. Over the years, the SBRT has attracted highly motivated undergraduate and graduate students who share the passion for programming, designing, and building robots. The team welcomes all skill levels and encourages personal growth and learning through hands-on experience and technical workshops. With the annual influx of new members, new skills, techniques, and ideas are created and adopted in an innovative learning-focused environment. The design team participates in two competitions every year: an internal competition hosted on campus, mainly for new members, and an external competition off-campus for both experienced members and new members seeking the challenge.

Internal Competition

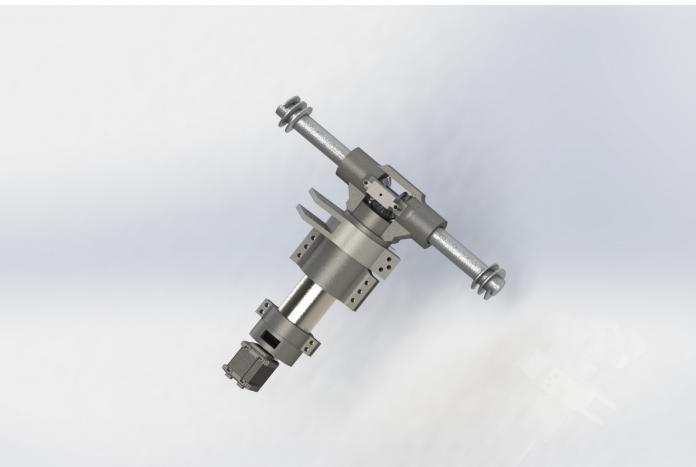
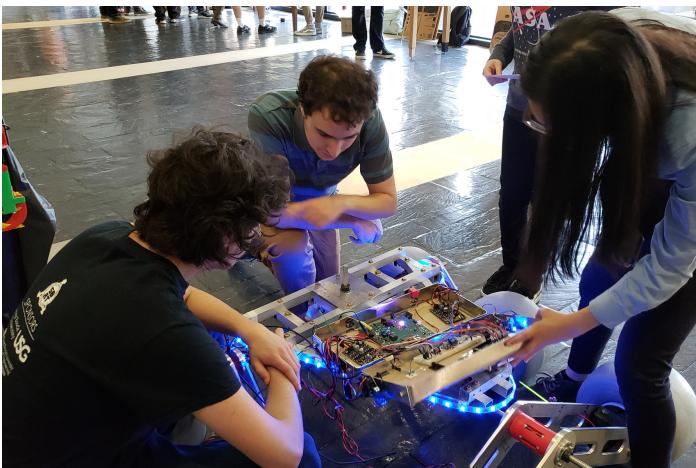


Designed for new members with limited experience in engineering, the internal competition aims to teach valuable introductory skills in mechanical, electrical, and software engineering. In small diverse groups of students, new members compete with each other to see whose robot will come out on top. Students new to the club work with returning members to learn the skills needed to be successful on the team and in their majors.

The 2017 Internal Competition, called Blockbuster, had teams create small robots that could pick up and move blocks to specific locations in the arena. The robots, made to be remotely controlled and optionally autonomous, competed with each other to see who could move the most blocks and score the most points.

The 2016 Internal Competition had members create autonomous robots that could travel through a wooden maze. The robot that could complete the maze the fastest and with the least assistance was the winner.

Current Project: URC



For 2018 - 2019, SBRT expects to participate in the 2019 University Rover Challenge (URC). This competition challenges students to build a remote-controlled and autonomous rover that can analyze its surroundings, traverse Mars-like terrain, and extract soil samples for scientific testing. The University Rover Challenge is, by far, the largest and most ambitious project the Robotics Team has undertaken, but the team is excited to have the opportunity to grow and set important milestones.

Although the competition does not officially start until Spring 2019, the prototype phase for our next rover has begun, with each step of the project exposing us to new technical challenges and skills. Throughout the past year, the team has developed innovative approaches to building a competition-capable rover. Overall, it has been a tremendous learning experience across the board as the team has had to think critically about the development process, from the design to the fabrication.

Sponsorship Tiers

Why Sponsor Us?

It is important to acknowledge that our achievements and successes would not be possible without the people supporting our endeavors. We will continue to illustrate our appreciation for our sponsors and individual donors through the projects and events that we work on with our members and university.

You too can help us achieve our goals and hit ever new heights! If you decide to become a corporate sponsor of the SBRT, you will have a hand in teaching students important life skills. You will be encouraging students to follow their passions and even allow students to discover their untapped potentials. By supporting the Stony Brook Robotics Team, you are helping to shape the future of the next generation of roboticists, scientists, and engineers.

	Bronze (\$500)	Silver (\$1000)	Gold (\$2000)	Platinum (\$2000+)
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Logo on Apparel				
Logo on Sponsorship Packet				
Logo on Robot				
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