

What is World Robot Olympiad?



World Robot Olympiad™ (WRO®) was founded in 2004. Its mission? To encourage as many young people as possible take an interest in the fields of science, technology, engineering and math (STEM). Supported by premier sponsors Lego Education and Juniper Networks, WRO provides a global venue in which young people can explore their skills in robotic competition, while discovering their love of learning in STEM.

Over 70,000 youth age 7 through 25 participate in age-designated categories at WRO tournaments held in over 70-member countries. Teams compete at the local and national level for the right to be in the WRO International Final. Past finals have been held in every corner of the globe from Costa Rica to China.

The competitions encourage participants to address the challenges of tomorrow. It can be finding sustainable solutions for climate change, protecting biodiversity or inventing methods for precision farming and preventing food waste.



What sets WRO apart from other competitions?

WRO teams only have two to three members, whereas other robotic competitions might have up to ten. This allows each participant to engage in both project research and execution. Also, the WRO competition season begins in the second half of the school year when most others are ending, enabling the student participants to engage in more robotic competitions throughout the year. With very different challenges, WRO provides an opportunity for youth to work on their STEM skills all year long.

What is the WRO Foundation?

WRO is comprised of two related organizations, the WRO Association and the WRO Foundation. The WRO Association helps national organizers establish rules and regulations to ensure successful local, regional and national finals. They work closely with the host countries of the international final, guiding them through execution of the event and implementing new initiatives to improve the experience.

In 2018 the Board of Directors for the WRO Association decided to create a 501c3 Foundation based in the United States. The WRO Foundation will enable the WRO Association to achieve several of their goals:

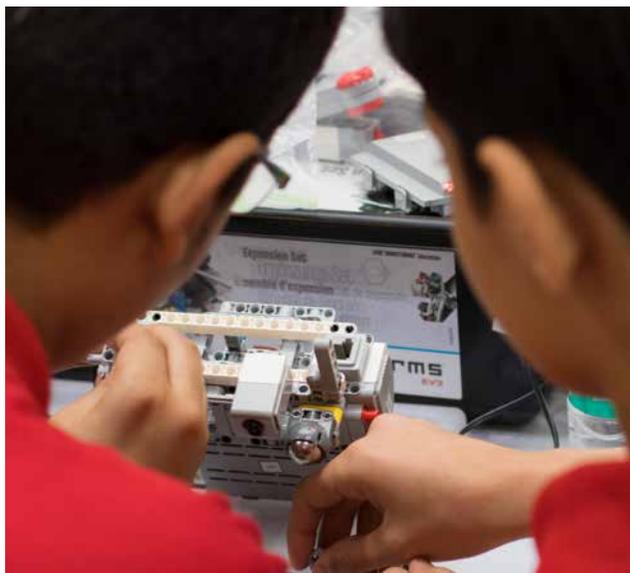
- 1) increase the number of US teams who participate in local and national competitions with the goal of sending more US teams to the international final
- 2) increase engagement with major universities, institutions, corporations and foundations throughout the US. Working closely with the US National Organizer, the WRO Foundation will ensure that more American youth, especially girls and youth from disadvantaged backgrounds, can experience the life-changing benefits of worldwide robotics competitions.

Read more about WRO Foundation and WRO Association:

www.wro-foundation.org

www.wro-association.org

How you can help the WRO Foundation



In 2018, 320 teams from 20 states participated in World Robot Olympiad events in the US. The WRO Foundation has set a goal to grow this number to more than 5,000 teams in the next five years. Currently, there are several ways you can become involved as a strategic partner with the WRO Foundation to help us achieve that goal.

One is to become a host for a sanctioned WRO USA local or regional competition; we will be more than happy to work with your organization or educational institution regarding your donation of in-kind services and connect you with WRO USA to organize and execute your participation.

Another is to consider a generous financial donation from yourself or your company to support one of the funds the WRO Foundation is setting up here in the United States:

WRO Foundation General Fund

An unrestricted contribution to the general fund will allow the WRO Foundation Board of Directors to direct financial support to a program or service where it is needed most

WRO USA Host Support Fund

Your contribution can be designated to provide the WRO Foundation start-up grants or training support for new hosts throughout the United States as well as hosts in economically-disadvantaged geographic areas in the country

WRO Foundation Innovation Fund

WRO is constantly looking at new concepts, programs and services we can develop to increase the outreach and support of STEM throughout the United States and the world. Current concepts in the development stages are a potential "Virtual Robotic Competition" and a "One Day Challenge". Your donation to this fund will provide additional seed money to make these ideas a reality.

Feel free to contact us
If you would like to discuss a potential partnership and the benefits your organization or company would receive

info@wro-foundation.org
or visit
www.wro-foundation.org

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