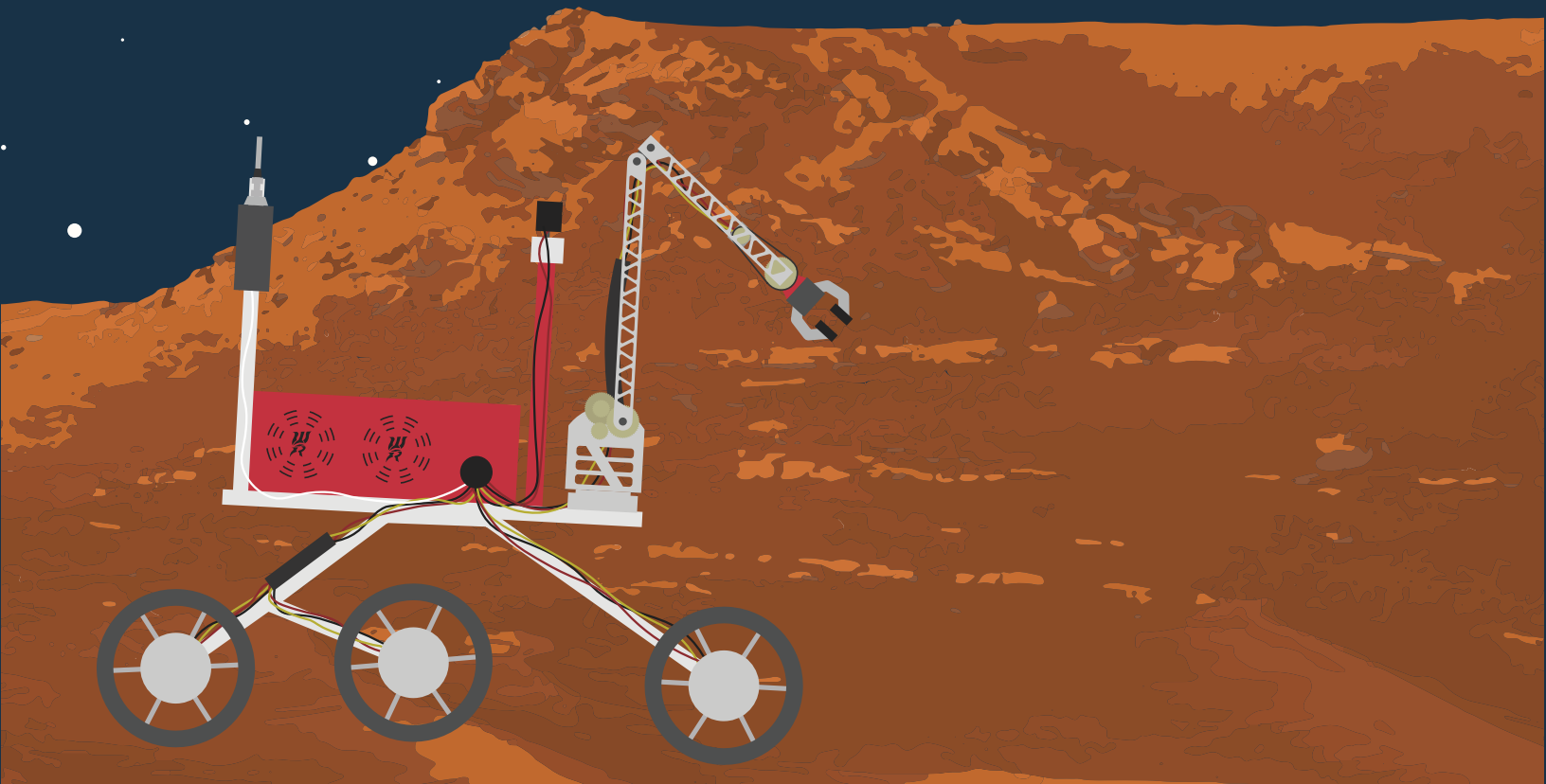


# WISCONSIN ROBOTICS



2024



## SPONSORSHIP INFORMATION



1500 Engineering Drive  
ERB 133  
Madison, WI 53706



[wisconsinrobotics@cae.wisc.edu](mailto:wisconsinrobotics@cae.wisc.edu)



[wisconsinrobotics.org](http://wisconsinrobotics.org)



## ABOUT US

Established in the year 2000 at the University of Wisconsin-Madison, Wisconsin Robotics has a diverse team of members from across many STEM disciplines. Our team competes in the international University Rover Challenge held at the Mars Desert Research Station in Hanksville, Utah. Our team allows students to design and construct autonomous and teleoperated robotic systems similar to those found on the Mars rover. Our students develop design and project management skills while exposing them to a variety of skills.

Other than educating our own students, our goal is to spread robotics into our community. We participate in annual outreach events like Engineering Expo and Wisconsin Science Festival.

In 2019, we won the Land O' Lakes Bot Shot Competition.

In 2020, our team completely redesigned and rebuilt our arm.

In 2023, our first competition since 2019, we placed 21st out of 104 teams who participated in the University Rover Challenge.

# UNIVERSITY ROVER CHALLENGE

# 1

## Extreme Retrieval and Delivery Mission



Navigating extreme terrain: large drops, rock fields, and 45° or more slopes.

# 3

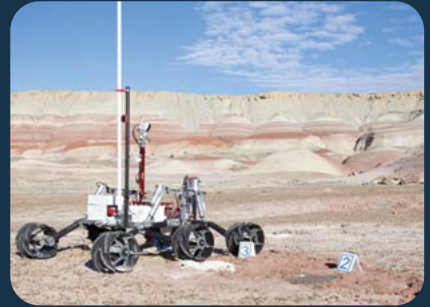
## Equipment Servicing Mission



Manipulation of various tools, equipment, switches, cranks, and communication devices.

# 2

## Science Mission



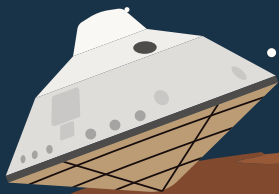
Conducting scientific analysis of soil samples to evaluate for potential life.

# 4




## Autonomous Traversal Mission



Point-to-point autonomous navigation with GPS coordinates as the only input.



# OUTREACH



Reaching over 28,000 individuals annually at events such as the Milwaukee Maker Faire, Wisconsin Science Festival, and Engineering Expo, our team aims to inspire and foster interest in STEM.

Wisconsin Robotics focuses on providing kids with an opportunity to interact with our projects and increase their exposure to robotics and STEM. We create outreach projects such as a building a robotic arm, programming a motion tracking camera, creating a human controlled plotter, and designing child safe rumble bots to take to events all around Madison and the state of Wisconsin.

We are grateful for the support from our sponsors as it enables us to expand our outreach efforts and reach even more students!



Check Us Out On



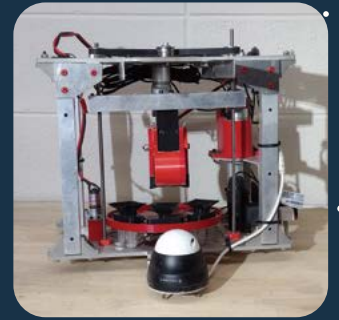
# BUDGET



Drive System Upgrades  
\$800



Arm System Upgrades  
\$1,700



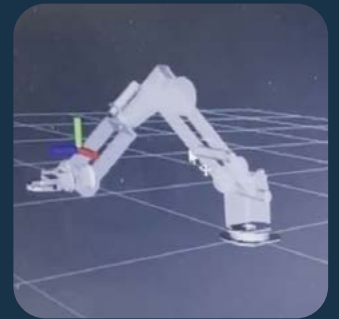
Science System Upgrades  
\$2,000



Drone System Upgrades  
\$500



Electronic Systems Upgrades  
\$2,000



Software & AI Upgrades  
\$500

## Breakdown:

Transportation & Lodging	\$8,000
Rover Upgrades	\$7,500
Base Station	\$3,500
Workshop Upgrades	\$3,000
Outreach	\$1,500
System R&D	\$1,000
Promotion Materials	\$500

**Total: \$25,000**

# SPONSORSHIP BENEFITS

There are multiple ways to qualify for our sponsorship tiers: monetary support, service donations, or material donations. For service and material donations, benefits will be based on market value. We appreciate any help our sponsors are able to provide. **To donate visit [bit.ly/wr-donations](http://bit.ly/wr-donations) and if you have any questions email [wisconsinrobotics@cae.wisc.edu](mailto:wisconsinrobotics@cae.wisc.edu).**

**Donate Now**

**Diamond** \$5,000+  
**Gold** \$2,500 - \$4,999  
**Silver** \$500 - \$2,499  
**Bronze** \$250 - \$499

	Diamond	Gold	Silver	Bronze
Sponsor Presentation to Team	●	●		
Logo Size on Team Banner	XL	L		
Resume Package	●	●	●	
Social Media Shout Out	●	●	●	●
Logo Size on Shirt, Website, Base Station, Rover, Newsletter	XL	L	M	S
Tickets to Rover Reveal	8	6	4	2

