

The Rocker Robotics team is extremely active both on and off campus, consistently working to promote science, technology, engineering, and mathematics through hands-on activities and community engagement. On campus, the team participates in a wide variety of university events designed to connect students, faculty, and visitors with student organizations and academic programs. One of the most significant events the team participates in is Go to Mines, where hundreds of prospective students ranging from elementary school age through high school visit campus to learn more about the opportunities available at the university. During these events, team members showcase robotics projects, demonstrate engineering concepts, and engage directly with visitors to inspire interest in STEM-related fields. These demonstrations not only highlight the technical skills of the team but also emphasize teamwork, creativity, and problem-solving.

In addition to Go to Mines, the team regularly supports other campus activities, outreach programs, and engineering showcases throughout the academic year. Team members often volunteer their time to assist with recruitment events, student engagement activities, and collaborative projects with other organizations on campus. These efforts help strengthen the university community while also encouraging younger students to pursue interests in robotics and engineering.

Off campus, the team has developed strong relationships with schools and organizations throughout the local community. Members frequently travel to elementary schools, middle schools, and high schools to conduct interactive demonstrations and educational workshops. These outreach activities are designed to make engineering approachable and exciting for students of all ages. One of the team's most popular activities involves helping students build toothbrush bristle bots, which are small vibrating robots that provide a simple but engaging introduction to mechanical and electrical engineering concepts. Through activities such as these, students gain hands-on experience while learning about design, experimentation, and problem-solving in an enjoyable environment.

Overall, the team's commitment to outreach and engagement extends far beyond competitive robotics. By actively participating in campus events and community programs, the team helps inspire future engineers while building strong connections between the university and the surrounding community.