"While [my students] might not realize it in the moment, the program offers them a real world interest in math and science — more students, more engagement, more visibility in the future." – MATE ROV Competition 2019 Volunteer Judge

The MATE ROV Competition uses underwater robots (remotely operated vehicles or ROVs) as a way to get students excited about learning science, technology, engineering, and math (STEM). The program played a role in attaining college admittance (38%), employment (37%), internships (37%), and other opportunities that opened due to their involvement with the MATE ROV Competition. Highlights of the survey results are included below.

A 2020 survey of competition “alumni” included questions about their higher education, employment, internships, scholarships, and other opportunities that opened due to their involvement with the MATE ROV Competition. Highlights of the survey results are included below.

LEARNING FOR LIFE IN OUR TIMES

- 98% of college degrees were STEM degrees.
- 88% of college students were STEM majors.
- 71% of employed alumni had a STEM-related job.
- 43% of college students were STEM graduates.
- 92% of college students were STEM scientists.
- 80% of college students were STEM engineers.
- 77% of employed alumni had a STEM-related job.
- 66% of college students were STEM educators.
- 60% of college students were STEM technicians.
- 59% of college students were STEM analysts.

COMPETITION’S INFLUENCE ON STUDENTS’ EDUCATIONAL AND CAREER PATHS

- 85% of college students were STEM graduates.
- 88% of college degrees were STEM degrees.
- 72% of college students were STEM majors.
- 80% of college students were STEM graduates.
- 77% of employed alumni had a STEM-related job.
- 66% of college students were STEM scientists.
- 59% of college students were STEM engineers.
- 58% of college students were STEM technicians.
- 48% of college students were STEM analysts.

PARENTS PROVIDED POSITIVE FEEDBACK

- Parents reported that their children were better problem solvers.
- Parents reported that their children were better critical thinkers.
- Parents reported that their children were better leaders.
- Parents reported that their children were better communicators.

MATE ROV COMPETITION

The MATE ROV Competition uses underwater robots (remotely operated vehicles or ROVs) as a way to get students excited about learning science, technology, engineering, and math (STEM). The program played a role in attaining college admittance (38%), employment (37%), internships (37%), and other opportunities that opened due to their involvement with the MATE ROV Competition. Highlights of the survey results are included below.

- 98% of college degrees were STEM degrees.
- 88% of college students were STEM majors.
- 71% of employed alumni had a STEM-related job.
- 43% of college students were STEM graduates.
- 92% of college students were STEM scientists.
- 80% of college students were STEM engineers.
- 77% of employed alumni had a STEM-related job.
- 66% of college students were STEM technicians.
- 59% of college students were STEM analysts.

- 85% of college students were STEM graduates.
- 88% of college degrees were STEM degrees.
- 72% of college students were STEM majors.
- 80% of college students were STEM graduates.
- 77% of employed alumni had a STEM-related job.
- 66% of college students were STEM scientists.
- 59% of college students were STEM engineers.
- 58% of college students were STEM technicians.
- 48% of college students were STEM analysts.

MATE ROV COMPETITION