STEM-Focused Students Network Virtually with Industry for Annual Shadow Day

Students from local colleges and high schools with a Mathematics, Engineering, Science, Achievement (MESA) program shadowed engineering and science professionals virtually through Zoom or Microsoft Teams on November 18, 2021.

Approximately 130 students were matched to STEM professionals at 13 different companies for the annual MESA Science, Technology, Engineering, Mathematics (STEM) Shadow Day.

Participating colleges included San Diego City College, San Diego State University, and Southwestern College. Participating high schools included Imperial from the Imperial Valley region and Helix and Morse from the San Diego region.

Participating companies included:

1. Collins Aerospace
2. General Atomics Fusion Technology Systems
3. Harris & Associates
4. Hologic
5. Miltenyi Biotec
6. NAVAIR Fleet Readiness Center Southwest
7. Naval Information Warfare Center Pacific
8. Qualcomm
9. Raytheon Technologies
10. Rick Engineering Company
11. San Diego Regional Water Quality Control Board
12. San Diego Gas & Electric
13. Solar Turbines Inc.

"MESA STEM Shadow Day gives students insight into the world of engineering and the broad base of disciplines it offers. Employers can make a positive impact on the lives of students, our future engineers and scientists, and students can picture themselves in these positions in the near future while creating attainable goals to get there," said Eric Pamintuan, STEM Shadow Day Coordinator. The next annual MESA STEM Shadow Day will take place on the Thursday before the Thanksgiving holiday, November 17, 2022.

MESA is one of the largest programs in the state to support educationally disadvantaged students so they can graduate from college with science, technology, engineering, and math (STEM) degrees. MESA provides academic support and enrichment to over 18,000 K-12 students and 7,800 community college and 4-year college students each year. For more information, visit http://mesa.sdsu.edu