

STEM-Focused Students Provided Job Shadow Opportunity

Students from local colleges and high schools with a Mathematics, Engineering, Science, Achievement (MESA) program shadowed engineering and science professionals to experience the day at their respective workplace.

A total of 181 students were matched to STEM professionals at 20 different companies for the annual MESA Science, Technology, Engineering, Mathematics (STEM) Shadow Day, held on November 21, 2019.

Participating colleges included San Diego City College, San Diego State University, and Southwestern College. Participating high schools included Brawley Union, Calexico, Central Union, Holtville, Imperial, and Southwest from the Imperial Valley region and Lincoln from the San Diego region.

Participating companies included:

1. City of San Diego Public Works Department
2. Collins Aerospace
3. General Atomics (Inertial Fusion Technology Division)
4. Harris & Associates
5. HNTB Corporation
6. Hologic Inc.
7. Jacobs
8. Nasland Engineering
9. NAVAIR Fleet Readiness Center Southwest
10. Naval Facilities Engineering Command Southwest Environmental Business Line
11. Naval Information Warfare Center Pacific
12. NV5 Inc.
13. Raytheon
14. Rick Engineering Company
15. Safran Power Units
16. San Diego Regional Water Quality Control Board
17. Sanford Burnham Prebys Medical Discovery Institute
18. Solar Turbines Inc.
19. Tioga Research Inc.
20. T.Y. Lin International Group



Students pose with employees from the San Diego Regional Water Quality Control Board, who have SDSU MESA alumni facilitating the efforts and have participated for over six years running.

“MESA STEM Shadow Day gives students insight into the world of engineering and the broad base of disciplines it offers,” said Eric Pamintuan, STEM Shadow Day Coordinator. The next annual MESA STEM Shadow Day will take place on November 19, 2020

***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://mep.sdsu.edu>*