

K-12 Strong Workforce Program Newsletter: Regional Highlights

January 2023

RECOMMENDED RESOURCES

[The Future Starts with You - A Career Ready Podcast](#), with Jewyl Alderson from the San Diego County Office of Education is available. Episodes are released every other week!

[Postsecondary Engagement for Successfully Transitioning Students to College Knowledge Brief](#)

Career Education Collateral. [Download the Career Education Guide and Sector Handouts](#), or order [HERE](#) to have them delivered directly to your school site.

WE NEED YOUR INPUT!

If you read our quarterly newsletter, we would appreciate it if you could complete this quick 3-question survey:

[K-12 Strong Workforce Program Newsletter Interest Survey.](#)



San Diego Unified Healthcare Symposium

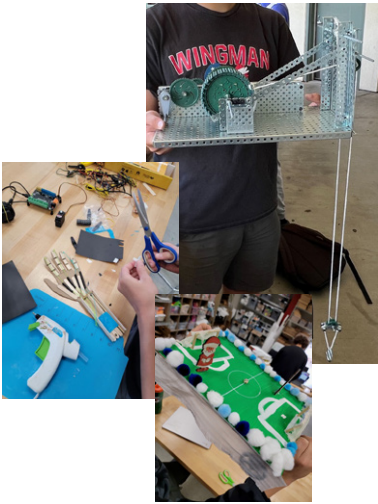
On November 30th, in partnership with the Oral Surgery and Dental Implant Specialist of San Diego, the SDUSD Career College and Technical Education Department held its first annual Careers in Healthcare Symposium. Students from Health Science and Medical Technology Pathways across the district came and heard about several careers in healthcare and participated in a networking event that included several healthcare companies and college programs. The event was held at the UCSD Park and Market Community Collaboration facility in downtown San Diego. Guest speakers included professionals from various healthcare fields such as Oral and Maxillofacial Surgery, Sports Medicine, Emergency Medical Assisting, Athletic Training, and Pediatric Anesthesiology. Students also heard about a scholarship opportunity provided by the Oral Surgery and Dental Implant Specialist as well as a chance to receive a free wisdom tooth consultation and extraction. Students in attendance provided feedback that they were exposed to new career opportunities in healthcare and heard about new programs that they will potentially pursue after graduation. We look forward to bringing this event to our students for many years to come.

Click [here](#) to view the program.

GUHSD Opens New Health Sciences Pathway

GUHSD has opened a new Health Sciences/Community Health pathway at El Cajon Valley High School! This program was specifically created with accessibility in mind as English language development is directly embedded into the CTE curriculum. The pathway is block-scheduled and designed to be completed in one school year. Upon completion of the pathway, students will be eligible to enroll directly into the Grossmont Health Occupation Center's Certified Nursing Assistant program. Under the direction of teacher Lynette Smith, the pathway is off to an awesome start! Pathway students have had a busy first semester that included a visit to both the Allied Health Program at Grossmont College and to the Health Occupations Center, and numerous guest speakers on topics such as organ donation, arm splinting, suturing, nursing, college preparation, hyperbaric chamber operations, brain chemistry and patient intake. Students also volunteered at a school health fair where they hosted the science table, helped hand out food donations, and provided information to families about vaccines and support organizations available in the community. The class has also earned CPR-certifications. On December 7, 2022, the whole class attended the Live Well Advance Conference, which provided students with the opportunity to engage with public health professionals from around San Diego county. Students attended sessions on topics such as mental health support, dismantling bias, and maintaining a healthy relationship with social media. These incredible opportunities to participate in real-world experiences make learning exciting for students and enhance their passion for a future career in the Healthcare industry. The ability to start this new CTE pathway and all of these amazing experiences were made possible because of the K12 Strong Workforce Program.





Coronado Launches Engineering Pathway

This past year, Coronado Unified School District was able to start an engineering pathway at their high school, which includes both a concentrator and capstone course. The district has aligned the high school pathway with their middle school STEM exploration class, which provides students with the opportunity to learn about computer science and engineering. This project included funding for curriculum and training for their teacher last summer, a conference this past fall, as well as equipment for both the middle and high school labs (3D printers, VEX robotics kits, and lab equipment). In addition, there has been collaboration between the computer science and engineering instructors to better strengthen the middle school curriculum.

Coronado has also enhanced their ICT pathway. Last year, they offered a cybersecurity course via Dual Enrollment/CCAP with Southwestern College. Through this partnership, they added a cybersecurity capstone course for their computer science pathway and plan to add another ICT dual enrollment course in the future.

STEM Professional Learning Series & Student Showcase

The Imperial County Office of Education hosted a STEM Professional Learning Series & Student Showcase in efforts to promote STEM Career Pathways from High School to Postsecondary Education. This event consisted of two parts. The first part of the STEM Professional Learning Series allowed CTE STEM high school and middle school students showcase their projects and skills to participants. Students from five different high schools and one middle school participated in the student showcase. The second part of the event allowed local colleges and universities to present to students and participants about the various STEM programs and certifications available on their campus.

To see the video, click on the [YouTube link](#).



San Marcos Unified Patient Care Pathway Students: The Power of Professional Internships

SMUSD CTE students are getting to experience the power of internships while being immersed in the San Marcos community and beyond. Teacher Marci Davis began a Patient Care pathway in 2020 that has grown rapidly into over 300 pathway students. Currently, 43 senior capstone students are experiencing healthcare internships that span across nearly 20 different fields of care, ranging from athletic training to neurology to pediatric and maternal care. Students are gaining experience in professionalism, problem-solving, and direct hands-on application of classroom learning, all of which are immeasurable and will help students dive into their career education better prepared than many of their peers.

Students also utilize a supplemental online nursing program called Shadow Health to assist in their questioning skills, building empathy, and practicing their objective and subjective assessments of a patient. The valuable time each week that students are given to interact with community experts in healthcare offers an experience that will build confident and knowledgeable healthcare professionals. SMUSD, San Marcos High School, and teacher Marci Davis are proud to provide CTE programs for these students that will expand their opportunities and growth.

Oceanside USD CTE Teachers Trained in Tiny House Building

CTE teachers in Oceanside Unified spent a week on a construction job shadow to learn tiny house building skills they can utilize in their classrooms! The team of teachers partnered with California Tiny House to learn every step of construction, installation, electricity, plumbing, and more that goes into the construction of a tiny home. Oceanside's team was composed of CTE teachers from Oceanside High School's Environmental Innovation & Engineering Academy as well as their Building and Construction pathway. Teachers started at the very beginning with framing, and by the end of the week constructed a completed environmentally friendly tiny home. With these new skills they plan on working with both pathways to construct their very own tiny home at Oceanside High School.

Students within their pathways will learn construction, engineering, problem solving skills, as well as making connections to sustainability. The team plans to have students learn the financial and environmental implications of tiny homes and advocate for their use in many locations around the North County San Diego area. In recent years, the tiny home concept has increased in popularity and is quickly becoming a solution to the many housing issues in the region. Now, thanks to this experience, students will be prepared with skills that will support a successful future.

