

Career Connected

Career Technical Education Program Spotlights

August/September 2023 – Issue No. 6

Onboarding for Student Internships

McLane High School

This year's onboarding of McLane's general internship course has commenced with a blend of eagerness and anticipation, invigorating the industry partners and the students. The diligent preparation has now transitioned into action as students actively build their resumes and craft compelling cover letters under guided sessions. The environment in the classroom and during several college & career readiness trips is filled with aspiration as students share their goals and develop networking skills.

This process also included professional learning sessions with Smallify and discussions with district leaders from CCR, which have significantly enriched student understanding of the professional world. Finally, the rigorous practice of applying to and interviewing for internships is an enlightening journey of self-discovery for our students. As educators, witnessing the enthusiasm of students and watching them hone their presentation and communication skills has been exceptionally rewarding.

Internship placements are gradually being claimed, and ripples of excitement spread through the cohort, creating a motivating atmosphere for others to intensify their efforts. Synergy between the industry partners, internship coordinators, and students during this period has been remarkable.

A sharing of narratives from last year's senior students about their past internship experiences have instilled robust enthusiasm among the current seniors, urging them to leverage the most from their upcoming internships. The look of accomplishment beginning to dawn upon the faces of students who have secured their placements is a gratifying sight. It reaffirms the profound impact of real-world learning experiences in shaping the promising futures of these young individuals.

Annual Biomed Pathway Kickoff

Edison High School

For the last 3 years, the Biomed Pathway at Edison High School as hosted a Biomed Kickoff event, which all levels of the Biomed program are invited to. This event is organized an run by all the teachers in the program, including the linked teachers. This year they even had some assistance from teachers in other programs. This event was created in order to get our students from different grade levels to interact with each other and with the teachers. The teachers run games and activities for the students to participate in. One of the games, Bingo, encourages students to find and meet teachers based on questions they need to answer on the Bingo card. They even have to find the Pathway Coordinator. This year was another great adventure for the Pathway, with close to 200 students participating. This opportunity wouldn't be possible without the combined efforts of the teachers and the CTE department.

K-12 IT Rising Stars

CTE Coordinator Julie Mavrogeorge was highlighted recently in an EdTech Magazine article about influential voices emerging in K-12 educational technology circles. “If you’re looking for news on K–12 esports, Julie Mavrogeorge is the expert to ask. As the career technical education coordinator for Fresno Unified School District in California, Mavrogeorge’s role has allowed her to create and implement a comprehensive CTE esports pathway. She has shared her expertise on [podcasts](#) and at conferences, such as [ISTELive](#), with the hope of helping other schools begin their own journeys to esports in education.”

Content from EdTech Magazine. [See original EdTech Magazine article here.](#)

Ag Students Enter Projects at Fresno Fair

Phoenix Secondary School

Students are entering projects in the Fresno Fair again. They submitted Thompson seedless raisins that they processed throughout the first 2 months of school by sun drying them and studying the process of grapes to raisins. They are also entering dried herb bundles of our purple sage that was grown in the garden on campus. Judging will be October 1, and students will find out how their plants placed at that time. Good luck Phoenix Ag students!

CMAC Visits Edison

Edison High School

Representatives from CMAC came to present to Edison’s Digital Photography and Multimedia classes. It was an amazing opportunity for the students to be able to experience hands-on training with professional equipment. CMAC shared their cameras and switch boards with the students and the highlight for students was being able to tour CMAC mobile van with all their electronics. CMAC staff, which also included an Edison alumni, were professional and very friendly. They answered student questions, showed students how to properly use the equipment and really made the experience worthwhile for them. Students were even invited to share their experience in real time during the Edison Varsity football game that CMAC broadcasted. Edison is very appreciative of everything CMAC supports our programs with and has to offer as an industry partner.

Local Professionals Participate in SimTable Training

Center for Advanced Research and Technology (CART)

SimTable is a modeling and data visualization tool which creates simulations to help professionals make management decisions. CART Environmental Lab Mentors learned how to apply SimTable technology to their current real-world student projects. Jason Dean (Meyers Water Bank and Wildlife Project), Tom Lang (Aquarius Aquarium Institute), Lisa Bonilla (Sierra National Forest), Patrick Kong (Sapphos Environmental Inc.), Kristin Boroski (Director FUSD CTE), and teachers Steve Wilson and Titus Patton worked alongside designers and developers from SimTable to create applications for students. Students use the table to create scenarios, analyze data, and draw conclusions.

CART IT Students Visit Classic Arcade

Center for Advanced Research and Technology (CART)

Students in CART's Game Design, Web Design, and UX Design labs visited Oh Wow Nickle Arcade. Students played games to collect useful data. Interactive Game Design students are researching a variety of video/arcade games to build a foundation for developing, designing, and coding their own games. Web Design students are focused on information that will assist them in designing a wireframe for a functioning website which will include store related information (available games, prizes, and other amenities). UX Design students are analyzing the customer experience, which includes availability of the games, layout, facilities, and family friendliness.

Medical Academy Starts Jobsite

Duncan Polytechnical High School

Duncan Polytechnical High School students who are in the medical academy (MASH) were excited to start jobsite in September. This is the opportunity for students who are in the Certified Nursing Assistant, Pharmacy Technician, or Rehabilitation Therapy pathway to gain real-world experiences in medical facilities during their school day. Duncan would like to thank our medical industry partners and Duncan teachers for working together creating unique experiences for our MASH students.

FFA Shows Livestock at The Big Fresno Fair

Sunnyside High School

Sunnyside FFA students showcased various breed and market poultry projects for the first time at the Big Fresno Fair. Students were judged on overall showmanship, market readiness, and APA breed standards.

CSU Ropes Course

Roosevelt High School

The RPM (Roosevelt Pathway in Medicine) freshmen team build and learn skills to overcome obstacles and challenges.

VPA Football Broadcast

Sunnyside High School

Video Production Academy students worked alongside Sunnyside alumni Jesse Hernandez from CMAC to broadcast their first football game of the year. The crew was made up of all first year sophomores and one returning junior. These students learned quick! They trained the night prior to the event and went live to television after only touching a camera one time in class!

Medical/Dental Professions Seminar

Bullard High School

Students from Bullard High School's Biomedicine Pathway attended the Medical/Dental Professions Seminar at Fresno State, put on in partnership with Academic Advantage and Fresno Oral Maxillofacial Surgeons Association. They learned about how each professional got to their career, received information about medical school preparation, and connected and networked with local professionals.

CSI Lesson

Roosevelt High School

This lesson was going over Crime Scene investigation. Earlier in the week the students worked on fingerprinting and what to do at a crime scene. They are learning how to collect evidence and photograph the scene with steps taken not to contaminate.

A RAW Dairy Experience

Hoover High School

Eco-Tech freshman California Agriculture Class visited Organic Pasture Raw Dairy on Thursday, September 7th. Students got an in-depth experience from an organic dairy and farm. Through the tour of the Raw Milk Farm, students got to see and learn how a raw milk farm runs - from what to feed cows to cleansing and milking the cows. The first-hand experience allows students to see the science and the advancing process behind how to produce the healthiest and most ethical dairy products.

National String Cheese Day

McLane High School

ArtVenture video production students participated in celebrating National String Cheese Day as part of their internship with the Video Games & Esports Foundation (VEF). The students live-streamed and broadcasted an Overwatch2 match focusing on teamwork, collaboration, and communication. McLane is on the cutting edge of esports within FUSD. Bubba Gaeddert, the Executive Director of VEF, was very impressed with the student's abilities and has requested to utilize the students again. Bubba hosts several esports streaming events throughout the year.

[Watch a recording of the live stream here.](#)

Students Get Certified

Design Science Middle College High School

Students were certified by the American College of Surgeons course and learned to "Stop the Bleed" in emergency situations using direct pressure, wound packing, and a tourniquet. Principal Flo Cheung, assisted by Job Developer Stephanie Maxwell, led the Stop the Bleed Course for students at Design Science Middle College High School.

Knight Watch Learns the Ropes

Bullard High School

Students from Mx. Vang's Cinematography course, known colloquially as the Knight Watch, took part in team-building exercises at Fresno State. They learned how to communicate effectively, manage stress and support their peers, and most importantly how to cheer each other on and recognize each other's success.

Interviewing Industry Partners

Hoover High School

On two days in September, industry partners from ECO-Tech; Arts, Media, and Entertainment; and Public Service Pathways came into all senior English classes. Students interviewed the industry professionals and their assignment was to write a narrative story about the partners. Mary Kimball from the Center for Land-Based Learning, Julie Mavrogeorge, CTE Coordinator at Fresno Unified, and Fresno Fire Battalion Chief Devin McGuire shared their stories of growing up, how they got into the career they are in, what they are doing now, and what might be in the future. Thank you to our partners for their partnership and participation in the WBL opportunity for all of our senior English students.

Subscribe

[Subscribe for future Career Connected updates!](#)

www.ccr.fresnounified.org/career-readiness