

CTE/ROP - Quality Career Training

Accredited by the Western Association of Schools and Colleges

Newsletter Fall 2017

Director's Message

JANET HAUN

Welcome to the 2017-2018 school year! I hope you all had a wonderful and restful break. This year promises to be an exciting and dynamic one with an opportunity to showcase the stellar career-technical programs our teachers and staff will provide for our students. We look forward to highlighting the many academic and career-related successes our CTE/ROP students will achieve.

In this newsletter you will find information about some of the exciting activities from students and ROP teachers that helped reinforce student learning. This summer was a very busy one, preparing for the new school year. There were a few changes, but we are all confident that this will be a great year in which we will provide students with the most challenging, engaging, and relevant Career Technical Education possible!

We look forward to working closely with you this year!



Welcome to our New Principal, Jeff Brauning

Jeff was born and raised in a rural northern California farming community. He has been married for 24 years to his wife Alyson and they are raising two wonderful children. He received his bachelor's degree from Chico State University and a master's degree from Chapman University. He has been an educator for 24 years, working as a teacher, coach, assistant principal and high school principal. He played baseball at Oregon State University and professionally in the San Francisco Giants minor league system.



During his term at John Swett HS, he became involved in the CTE/ROP program. He saw first-hand how CTE can enhance the educational experiences of students and change their lives. His students, staff, and industry partner Phillips 66 created an amazing program that the State of California recognized as a model for others to emulate. "In my new role for the CCCOE, I look forward to working with the wonderful schools, students, and teachers to support the best ROP programs in the state," said Brauning.

Contra Costa County
Superintendent of Schools

Karen Sakata

Deputy Superintendent
Educational Services

Pamela Comfort, Ed.D.

Contra Costa County Board of Education

Fatima S. Alleyne, Ph.D

Christine W. Deane

Vikki J. Chavez

Mike Maxwell

Jeff Belle

Mission

To enable all learners to achieve their highest personal, academic, and career potential through state-of-the-art educational programs and services.



Welcome to the following new teachers of the Contra Costa County ROP :

Irfan Ortak, AP Computer Science Principles, Piedmont

Trevor Magnotti, Sports Medicine, California

Shanin McKavish, Developmental Psychology of Children, California

Dina Anderson, Human Body Systems, California

Alissa Cyfelli, Health Science Emergency Medicine, DeAnza

Martha Sotelo-Singer, Culinary Careers, Clayton Valley Charter

Greg Golsan, Auto Technology, Concord

Paul Furioli, Advanced Culinary Arts, Deer Valley

Stephanie Marple, Careers with Children, Deer Valley

Patrick Bender, Computer Science Principles, John Swett

Joseph Maciorowski, Advanced Auto Technology, Pittsburg

Robert Belleci, Art of Video Production, Pittsburg

Marilyn Narayan, Computer Graphic Arts, Pittsburg

Danielle Stensvold, Sports Medicine, Albany

Blake Douglas, Fire Science, Berkeley

Rose Stein, Commercial Foods, Mt. Diablo

Janet Muirragui, AP Computer Science Principles, San Ramon Valley

Katie Henderson, AP Environmental Science, San Ramon Valley

Ana Stevens, Administrative Medical Assistant, Pittsburg Adult Education Center

Kevin Jones, Principles of Engineering, Dougherty Valley

Yadira Zapata, Careers in Teaching, Alhambra

Dave Turrey, CAD, Heritage

Kathleen Krier, Architectural Design, Monte Vista

Lee Blankenburg, Business Economics, Monte Vista

Cynthia Pulido, Commercial Art, Concord

CTE/ROP Teacher of the Year in the Mt. Diablo USD, and one of the four finalists in the County's TOY Program

On August 31, Contra Costa County Office of Education (CCCOE) Superintendent of Schools Karen Sakata visited the classroom of **Tom Trowbridge**, at Concord High School, in Concord.

Trowbridge has been an instructor for 12 years at Concord High, teaching woodworking, CTE/ROP Robotics, Civil Engineering and Architecture, and CTE/ROP Construction Technology. Earlier this year, he was honored by the Mt. Diablo Unified School District as their Teacher of the Year (TOY). On April 4, Trowbridge was named as one of four finalists in the county's TOY program.

When discussing his viewpoint of teaching, Trowbridge included, "It's OK to not have all of the answers, all of the time. Trust me, when I say that, I am quick to let my students know! I take them on the journey with me. I show them how to search and discover. Learning and growing will not always happen in a neat and tidy package called a lesson plan. I accept my students and myself where we are. How and what we are together will make all the difference in our lives; we may learn more about ourselves and grow from the things that don't go as planned."



Tom Trowbridge, ROP Teacher, and **Karen Sakata**, County Superintendent of Schools
(Photo Credit: Terry Koehne, CCCOE)

ROP/CTE Summer Internships in the Construction Industry

ROP partnered with Black Diamond Electric to provide five students from Pittsburg and Antioch High School, with summer internships in the construction industry. They were placed with Black Diamond Electric foremen on active residential projects where they learned how to install face plates, wire a house to code, and were able to witness firsthand the different phases and aspects of building a home. Black Diamond owner, Jake Pauline, was impressed with their stellar work and hopes to continue the partnership with ROP and Black Diamond Electric in the future.



Jarod Frank, Pittsburg High School

Phillips 66 Summer Internships

Fourteen youth from John Swett High were selected to participate in summer internships. With help from Career Academy Teacher, **Tony Tammer**, the program was sponsored by Phillips 66 and coordinated by the Contra Costa Office of Education. The host organizations and businesses who welcomed interns this year were: Rodeo Sanitary District; EBMUD; Crockett-Carquinez Fire Dept.; YMCA Rodeo Child Development Center, Crockett Community Services, and the Hercules, Pinole, and El Sobrante libraries.



Kaila Rivera and Maryfil Salamida
EBMUD Internship
John Swett High School

California Career Pathways Trust Grant (CCPT) Externships

The California Career Pathways Trust Grant (CCPT), locally referred to as Diablo Gateways to Innovation or DGI, funded 11 externships for CTE teachers this summer. With support from Earn and Learn East Bay, teachers from Engineering, Health, and Information Technology pathways were placed at a wide range of sites: American Medical Response (AMR), AMF Media, Bishop Wisecarver, Bio-Rad Laboratories, BSK Engineering, Common Sense Media, Eichleay Engineers, Lawrence Livermore National Laboratories, Muir Orthopaedics, Sandia Labs, and Shell.

Without exception, the 11 teachers found this experience engaging and beneficial in terms of upgrading their knowledge and skills, and applying this new perspective to their classroom teaching.

ROP Teachers Participating in the 2017 Externships				
Teacher	School	Sector	Company	Theme
Amanda Hawkes	Alhambra HS	Health	Muir Orthopaedics	Shadowing doctor, Clinical surgery
Bhupinder Anwar	Monte Vista HS	ICT	Lawrence Livermore Natl Lab	Cyber-security
Gretchen Medel	Dozier Libbey HS	Health	AMR	Medical response, skills upgrade
Janet Muirragui	San Ramon Vly HS	ICT	Bishop Wisecarver	Training Microsoft Office

Quotes from ROP Externship Teachers:

Amanda Hawkes, Alhambra High: at Muir Orthopaedics, ... "My highlights included observing surgeries and meeting several professionals in the healthcare setting. I met several individuals with whom I can consult with about athletes in the future and set up guest speaking and possible internships or job shadowing for my students as well."

Gretchen Medel, Dozier-Libby High and Los Medanos College at AMR: "When I embarked upon this externship, I knew it was going to be rewarding, but I did not anticipate the level to which it ended up being so... I was fortunate to see a wide variety of medical and trauma emergencies while on my ride alongs and, because I have been out of the field now for five years, I was struck by how much it has changed..."

Bhupinder Anwar, Monte Vista High: Lawrence Livermore Labs, "I was immersed in the Lab's Cyber Defenders Program where students of all levels explored real issues in computer security, information protection, network operations, and cyber policy... After this experience the fog of cyber security confusion, even though it still may be relatively thick, has started thinning out."



Photo: **Janet Muirragui**, San Ramon Valley HS, at Bishop Wisecarver: "Having taught Business and Marketing for many years I was pleased to receive training in software apps for Marketing such as CRM, Marketo, Magento, Google and social media to develop leads and also the eye-awakening reality of what may happen with any negative review any one person could post on a site about a product."

Adult ROP Students Launch Careers

For nearly forty years, the CCCOE ROP program has partnered with the Chevron Richmond refinery to provide introductory courses in Process Plant Operator and Industrial Maintenance Mechanic. The courses help prepare students for a job in the petrochemical and related industries. Students learn the basic processes and equipment common to the industry.

During the most recent rounds of hiring by the Chevron Richmond refinery, 86% (19 out of 22) of the PPO hires, and 85% (17 out of 20) of the IMM hires graduated from the ROP classes within the past two years, and an additional PPO grad was hired by Chevron Research. This outstanding success rate is a testament to the quality of the Chevron instructors, **John Ghiringhelli** and **Mike Joyce**, and the ROP program. The sustained business-education partnership between the Contra Costa County Office of Education ROP program and Chevron is, quite literally, changing lives.



CCCOE and ROP: Celebrating 43 Years of Outstanding Career Technical Education

High School Students Getting an Excellent Jump on their Health Care Careers in the Kaiser Permanente Summer Internship

Through the Kaiser Permanente's KP LAUNCH Summer Internship, which includes a Contra Costa County Office of Education's (CCCOE) CTE/ROP course component, students have an opportunity to learn about and explore different health care options and enhance their technical and leadership skills. KP LAUNCH enables these students to work a 40-hour week for 8 weeks during their summer vacation as health care interns.

The interns' workweek included four days at a designated Kaiser Permanente hospital, and one day of in-class professional development. On this particular day, teacher **John Grigsby's** curriculum featured him teaching a hands-on CPR workshop, an informative presentation (featuring many questions and answers) by a Kaiser Permanente general practitioner, and two local Toastmasters' members who presented a proactive presentation on interviewing for a job planned."

Among this impressive group of interns are Rosa Peña, of Antioch, and Zijian Deng, who resides in Walnut Creek.



Rosa Peña is working at the Health Education Department, "With this job, I have learned how important health education really is! We do a lot of things for patients, and everyday is something different... What I like about my job is putting a smile on patients' faces. It's our job to make sure they leave Kaiser Permanente with a smile on their face."



Zijian Deng enjoys human interaction, which is a big part of his internship, as he communicates with the Kaiser members. "I get to see all types of people and provide their problems with solutions. I always like seeing a smile on the member's face when we solve their problems!"

Culinary Industry Summer Camp

This summer, thirty-five students from across Contra Costa County participated in the Diablo Valley College/ROP's Exploring Careers in the Hospitality and Culinary Industry Summer Camp. Activities included Chopped Competitions judged by professional chefs, a visit to the PG&E Food Technology Center in San Ramon, and mini-internships at the Crowne Plaza, Lafayette Park Hotel and Hilton Concord. The camp concluded with an Edible Kitchen Tour and Family Celebration, with students showcasing many of the dishes they had made during the week, including steak au poivre, potstickers, crepes and pizza!

