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David Cash, Ed.D.
Michael Hanson
Betsy Sandoval
Michael Willhelm

CART Foundation Update

CART Joins FACEBOOK!

If you have a FACEBOOK account, we invite you to 'like' the new CART page:

Go to www.cart.org and click the "like" button.

Every week we'll post links, photos and videos about the CART experience, as well as post information on events.



CART appreciates all contributions to the Foundation. Cumulative donations of \$250 or more are recognized on the Donor Wall in the CART lobby.

CART Dependent on Community Support

CART, is unique in that it is not only a partnership between two school districts, but also a partnership with the Fresno-Clovis business community. Our students benefit from exposure to work situations, the mentorship of community leaders, and the expertise of the many employees that are allowed to work with CART students during "company time." It is this combined synergy that influences students to become connected with their education and make plans for their future.

CART is dependent on monetary support from the business community as well. Turning out students who have technology skills depends on an investment in equipment and software. Connecting students with their community requires money for field trips. Project-based learning requires additional supplies and reference materials.

Donations of \$250 or more are given recognition on the Donor Wall located in the CART lobby. Please consider a tax deductible donation today.



To donate: make checks payable to CART Foundation and mail to CART Foundation, 2555 Clovis Avenue, Clovis, CA. 93612



Center for Advanced Research and Technology Update

Volume 11 Issue 1 October 2010

Your Future Is At Stake; Failure Is Not An Option!

These words displayed in neon lights above the CART school's gallery reflect a mission shared by both students and faculty. Cart is committed to engaging high school juniors and seniors in a rich project based learning experience. Students are challenged by a highly committed faculty and supported by 21st century technology. Community based partnerships provide financial support, internships, mentoring, and infuse real-time real world relevance into the school's fifteen different learning labs. Thank you for your partnership in education!

- Devin Blizzard, Chief Executive Officer

Upcoming Dates to Remember

October 21	7:30 am	GREEN Career Fair
	12:30 pm	GREEN Career Fair
October 27	6:00 pm	Town Hall Meeting
October 30		Robotics Tournament in Tracy
November 9	4:00 pm	CART Board Meeting Foundation Board Meeting
November 22-26		Thanksgiving Break
December 14	4:00 pm	CART Board Meeting
December 20-Jan. 5		Winter Holiday Break
January 11	4:00 pm	CART Board Meeting
January 13	6:00 pm	SHOWCASE
January 17		Martin Luther King Holiday
January 19	6:30 pm	Parent Information Night
January 27	6:30 pm	Parent Information Night

New Teachers Join Staff



Mr. Stephen Bergdahl is an experienced secondary science educator. He joins the CART Psychology Lab as a Neuroscience instructor. This fall he has actively teamed to develop a real-world relevant curriculum that combines elements of chemistry, physiology, and psychology. Students are intrigued and challenged daily.



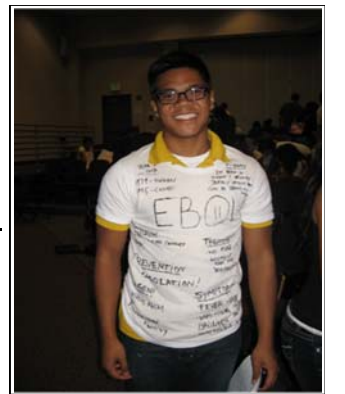
Mr. Elijah Carlo also joins the CART Psychology Lab and is teaching English. Mr. Carlo has ten years of teaching experience in both California and Washington.

Follow CART on Twitter

Announcements and periodic messages will be posted on the CART Twitter account. The direct link is:
<http://twitter.com/CARTSchool>.
Or subscribe using any texting phone by texting "follow CART School" to 40404.

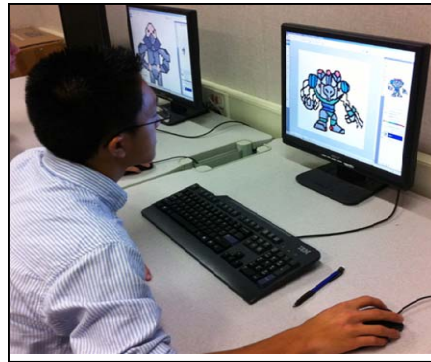


Bioengineering Lab Disease Convention



Alexander Julian proudly displays his Disease Convention shirt

The Bioengineering Lab held a Disease Convention in the theater in September as part of their "Infectious Disease/Microbiology/Epidemiology" unit of study. Each student became an "expert" on an infectious disease, made a poster to wear that helped explain the disease, and created a business card related to the disease to exchange with others during the convention. They then put their oral presentation skills into action as they interacted with other disease specialists at the convention, sharing their collective knowledge.



Game On!
Students in the CART Interactive Game Design Lab are currently working on their first video game project. Advanced students are working on building a game for the Xbox 360. Other advanced projects include the development of iPod, iPad and iPhone apps.

← John Vang creates the art for his video game.

Community Guest Speaker

Mike Reynolds, author of California's "Three-Strikes" Law delivered a lecture on navigating the California legislative process with particular focus placed upon the initiative process. Students in the Law, Marketing, and Economics Finance Labs took full advantage of his visit and were prepared with thoughtful questions which led to a real-world relevant discussion, active learning, and deep understanding.



Young "Edisons"

Neal Kinsey, Game Design; and Babak Chehraz, Networking; dressed up for Professional Dress Day at CART.

CART Olympics



Savannah Hall, Bre Lujan, Ciarra Valdez, Danielle Tela and Zach Wheat, Marketing & Advertising students.

The Marketing & Advertising Lab is off to a rousing start demonstrating unbridled spirit and performance in the CART Olympics and carrying that energy to Project One, an integrated project with the Law and Economics and Finance Labs that will culminate in a **Town Hall Meeting on Oct 27, 2010—Save the date! This is one event you won't want to miss!**



Robotics Lab student, Michael Przybyla, makes adjustments to his "creation" in preparation for the VEX Robotics Design Challenge 2011. CART will sponsor two Robotics teams this competition season.

Environmental Students Invest In A Green Future

The CART Environmental Science Lab recently completed a successful study of ozone levels in and around the Fresno/Clovis area. Students collected ozone data at their homes and then used GIS and Arc-Map technology to create an interactive map that helped identify causes for ozone patterns they observed on the GIS map.

Students in the Environmental lab will volunteer at the San Joaquin River Clean-Up Day on September 25th and Green Career Fair October 21st. CART students, as well as students from several outlying school districts, will tour the CART grounds speaking with representatives from "Green" companies from across the state.

Meetings for the Fresno Wildlife Rehabilitation Organization are beginning September 22. Students who wish to rehabilitate injured or orphaned wildlife for their second semester projects need to attend.

The meetings are held at 7:00 p.m. on the 4th Wednesday of each month at Redbank Elementary School.



Jake Thomas, Game Design Lab, fabricates a top secret project element.



The CART Law, Marketing, and Economics & Finance Lab students have actively researched all candidates and propositions in order to inform local voters at a special Town Hall Meeting. This event, scheduled for Wednesday, October 27th, 6:00-8:00 p.m., will be held at CART (theater and classrooms) and is open to all parents and the general public. Preparation for this event has afforded students and faculty a rich integrated learning experience. According to teacher Jodi Silva, "You've heard the adage two heads are better than one . . . well, we've found 240 heads are better than two!" This joint lab project required students to connect their core curriculum to multiple other areas of study. Please join as we celebrate our CART student researchers. You will assuredly become enlightened on critical decisions which will impact California's future!

PLAN TO ATTEND TOWN HALL MEETING Wednesday, October 27th, 6:00-8:00 p.m. Questions? Please call 248-7400

Teen CERT Disaster Preparedness



Kristen Renberg, Priscilla Rocha-Roma and Nasalie Moua, and instructor Laurie Hayes, pass out brochures at Our Lady of Perpetual Help Church carnival on Sunday, September 12th.

Teen CERT is part of the Clovis Emergency Response Team sponsored by the Clovis Fire Department. The students passed out brochures about emergency preparedness and members of the community had an opportunity to view the Emergency Assistance Unit that provides support to firemen during large fires.