



CENTER FOR ADVANCED RESEARCH AND TECHNOLOGY

A regular meeting of the Board of Directors of the Center for Advanced Research and Technology (CART) was held on Tuesday, August 18, 2009 at 4:00 p.m. in Room N102 located at 2555 Clovis Avenue in Clovis, California.

Chairman Fortune called the meeting to order at 4:09 p.m.

CALL TO ORDER ROLL CALL

Table with columns: BOARD, August, Sept., Oct., Nov., Dec., Jan., Feb., March, April, May, June. Rows include ASADOORIAN, CASH, FORTUNE, FROST, HANSON, LAKE, SANDOVAL, STAFF, FISHER, FORBES, CHUTE, JOHNSTON.

John Forbes was not present due to the fact that he was accompanying a teacher candidate for a final employment interview.

MSCU [Hanson/Asadoorian] to approve the June 16, 2009 regular Board meeting minutes as submitted.

APPROVAL OF MINUTES

MSCU [Hanson/Sandoval] to approve the August 18, 2009 agenda as submitted.

APPROVAL OF AGENDA

CONSENT

MSCU [Lake/Hanson] to approve the consent agenda as submitted.

CONSENT AGENDA

Approved purchase orders from June 5, 2009 through August 6, 2009 and approved warrants numbered 427766-427771; 428166-428173; 428509-428516; 428989-428993; 429320-429324; 429762-429764; 430094-430103; 430382; 430403-430408; 430645-430747; 430713; and 430884-430885.

INFORMATION

Susan Fisher reported on the following matters.

STAFF REPORTS

Staff In-Service

Chief Operating Officer

The theme for this year's staff in-service was "Happy Birthday" in recognition of CART's 10th birthday. Teachers returned on Monday, August 17th and we held a two-day in-service.

Enrollment

Mrs. Fisher reviewed the enrollment numbers. The written report included Pending; Waiting; Accepted; Denied; Retracted; and Total Submitted. For the purposes of these minutes we will only included the total accepted from each high school and a breakdown of AM and PM students by school district.

**STAFF REPORTS
CONTINUED**

Chief Operating Officer

<u>School</u>	<u>Total Accepted</u>		
1 Buchanan.....	172		
2 Bullard	143		
3 Cambridge.....	8		
4 Clovis Christian.....	1		
5 Clovis East	185		
6 Clovis High	284		
7 Clovis North.....	37		
8 Clovis West.....	150		
9 Edison	115		
10 Enterprise	3		
11 Fresno High.....	74		
12 Gateway	5		
13 Hoover	101		
14 J.E. Young.....	6		
15 McLane	64		
16 Roosevelt.....	117		
17 Sunnyside.....	98		
18 TOTAL ENROLLED/ACCEPTED	1563		
CLOVIS AM	FRESNO AM		
11 Buchanan..... 118	Bullard	95	
12 Clovis East	99	Edison	91
13 Clovis High	110	Fresno High.....	47
14 Clovis North.....	20	Hoover	68
15 Clovis West.....	81	J.E. Young.....	4
16 Enterprise	1	McLane	33
17 Gateway	2	Roosevelt	54
18		Sunnyside.....	39
19 Grand Total	431	Grand Total	431
CLOVIS PM	FRESNO PM		
16 Buchanan.....	53	Bullard	48
17 Clovis East	85	Cambridge.....	8
18 Clovis High	173	Edison	24
19 Clovis North.....	17	Fresno High.....	27
20 Clovis West.....	68	Hoover	34
21 Enterprise	2	J.E. Young.....	2
22 Gateway	3	McLane	31
23		Roosevelt	62
24		Sunnyside.....	57
25 Grand Total	401	Grand Total	293

22 Mr. Hanson asked about the thirty “special” students.

23 Mrs. Fisher reported that forty-two students that had been denied or were on
 24 a waiting list with a slim chance of getting enrolled were identified. Bert
 25 Cantu, CART Guidance Counselor, met with each of the students and their
 26 home high school counselors and offered them an opportunity to attend
 CART. Those forty-two students have been enrolled and we will see how
 many actually show up. Mrs. Fisher explained that we have not identified
 the students to the teachers and we will be tracking their progress.

27 Mrs. Fisher pointed out that students have continued to enroll in CART and
 28 some students have dropped during the past two weeks. We have better
 tools for tracking those students who still intend to attend and those who do
 not with the ability to view the home high school schedules to see if they
 have changed. Teachers contact those students who were not in attendance
 after the first couple of days.

CART Included in Publications

1 Edward Gordon who has published several books has mentioned CART in
2 two of his books – “*The 2010 Meltdown – Solving the Impending Jobs*
3 *Crisis*” – pg. 129; and “*Winning the Global Talent Showdown – How*
4 *Businesses & Communities Can Partner to Rebuild the Jobs Pipeline*” –
5 pgs. 118-119. The other schools noted in Mr. Gordon’s books are schools
6 that the CART team visited when formulating CART, and now CART is
7 included among them so these are indicators that CART is recognized as a
8 viable program, and staff members are beginning to feel the rewards of their
9 hard work over the past ten years.

CART Proves to be a Viable Program

10 There are a number of things going on right now that indicate that CART is
11 having an impact.

- 12 ▪ Irvine Foundation Grant - Received a \$125,000 Irvine Foundation Grant last year
13 which is basically funding to write down what we do so that it can be
14 disseminated to other school districts. The staff is currently working on what we
15 call the “Toolkit” which is due for completion in October. The finished product
16 will probably be a series of DVD’s.

17 Dr. Cash asked if the Irvine Foundation would then own the Toolkit.

18 Susan Fisher responded that CART continues to own the educational
19 property and could possibly market it.

- 20 ▪ Additional Irvine Foundation Grant - Discussing the possibility of Irvine
21 Foundation funding another grant to produce verbal presentations with links to
22 video clips demonstrating what we do at CART.
- 23 ▪ Affiliation with Connect Ed – Connect Ed has been bringing visitors to CART
24 from all over the State. CART will host one more of those visits during the 2009-
25 2010 school year.
- 26 ▪ UCLA and Berkeley Study – UCLA and Berkeley are gathering data to show
27 approaches that increase student achievement and CART is part of that study.
28 Preliminary data received from UCLA is very favorable.
- CSUF Pilot – have met a number of times this summer with representatives of
CSUF. They are piloting a strand of teacher education to train teachers to teach
integrated instruction and CART is helping to provide some of the curriculum for
that program. On Monday as part of the staff In-service we discussed what
makes a good CART teacher and are developing a rubric.

Summer Academy

23 The CART Summer Academy was held July 13-17 and sixty-two students
24 in grades 4th-6th attended; about 30 fewer students than last year.
25 Enrollment was affected by the economy this year, but we received enough
26 registrations to cover expenses and pay the instructors. We also had seven
migrant students and six Title VII students attend from Clovis Unified
School District.

27 Mr. Fortune noted that Fresno Unified School District is opening a
28 Law/National Courtroom class and also that the Reagan Educational Center
in Clovis Unified has a law class. Mr. Fortune asked if the CART model
was going to be replicated in the school districts and eventually we
wouldn’t need CART anymore.

1 Mrs. Fisher responded that the key is motivation – getting students
2 interested in attending programs using course titles that entice students to
3 attend. Mrs. Fisher explained that the school districts and CART work
4 together to try not to replicate the same courses, but to offer as many
5 opportunities for students as possible. CART only touches about 10% of
6 the 11th/12th grade student population and there are many more students who
7 would benefit from a CART-like program. While some students do fine
8 with the traditional educational model we believe that the CART model is a
9 good way for students to learn.

**STAFF REPORTS,
CONTINUED**

Chief Operating Officer

6 Mr. Hanson noted also that while the space where teaching takes place is
7 important, it matters less than the teachers being able to do the work, noting
8 that the biggest investment of time for Mrs. Fisher has been to find the
9 correct teachers – teachers who understand and believe in the model. Mr.
Hanson further noted that we will have retirements in the future and need to
plan for replacing those people to assure that ideally we would retain at
least two teachers in each lab that know the program.

10 CART Lab Offerings

11 Susan Fisher stated that the next question is – what new lab will we offer
12 next. If we want to start a new lab plans need to be finalized and submitted
13 by October in order to get everything through the approval process. We
14 constantly monitor enrollment and if students are not signing up for a
15 specific lab then we do not continue offering that lab. If the program
16 doesn't meet their needs or expectations then we have to make changes.
17 The CART model is all about packaging – it is the same chemistry; the
18 same government, but we present it in a different way.

15 Members of the public were given an opportunity to address the Board.
16 There was no one present to address the Board.

**PUBLIC
PRESENTATIONS
ADJOURNMENT**

17 The meeting adjourned at 4:41 p.m.

18 Respectfully Submitted,

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20 Larry Fortune, Chairman
21 CART JPA Board of Directors

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