



**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, September 8, 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 4:03 p.m.

**CALL TO ORDER
ROLL CALL**

BOARD	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June
ASADOORIAN	Present	Present									
CASH	Present	Present									
FORTUNE	Present	Present									
FROST	Absent	Present									
HANSON	Present	Present									
LAKE	Present	Absent									
SANDOVAL	Present	Present									
STAFF											
FISHER	Present	Present									
FORBES	Absent	Present									
CHUTE	Present	Present									
JOHNSTON		Present									

MSCU [*Frost/Cash*] to approve the August 18, 2009 regular Board meeting minutes as submitted.

**APPROVAL OF
MINUTES**

MSCU [*Sandoval/Hanson*] to approve the September 8, 2009 agenda as amended, delete Agenda Item E, *Introduction of New Teachers*.

**APPROVAL OF
AGENDA**

CONSENT

MSCU [*Cash/Frost*] to approve the consent agenda as submitted.

CONSENT AGENDA

Approved purchase orders from August 14, 2009 through August 28, 2009 and approved warrants numbered 431205-431210; 431509-431513; 431794; and 431846-431853.

Approved the following field trip.

March 18-20, 2010

Sunset State Beach Coast Trip

Environmental Lab – to study marine ecosystems

Chaperones: Staci Bynum, Abe Poduska, Steve Wilson, Environmental Lab

Instructors

Funding: ROP

Approved the following conference request.

October 28-31, 2009

National Science Teachers Association [NSTA] Area Conference

Minneapolis, Minnesota

Jill Rossetti and Erin Andrade, Instructors, Forensics Lab – Presenters

Funding: Irvine Grant

ACTION

Michael Johnston, Assistant Superintendent of Business Services, Clovis Unified School District, reviewed the 2008-09 year end annual budget report for 2008-09.

ANNUAL BUDGET REPORT – 2008-09

MSCU [Hanson/Sandoval] to approve the Annual Budget Report for 2008-09 as submitted.

INFORMATION

John Forbes reported on the following matters.

STAFF REPORTS

Professional Development

Had the unique opportunity to participate in both the Clovis Unified School District Administrative CHARGE session and the Fresno Unified School District administrative training. Reviewed Career Data – what is happening nationwide with careers, which will enable us to filter students into high paying professions; continued improvement model – using the book by Jim Collins – Built to Last; quadrant of high expectations – “*this work is important, you can do it, and I’m not going to give up on you even if you give up on yourself*”;

Dean of Curriculum and Instruction

Will be discussing formative assessment later this week - how we change what we are asking students to do on a test or project and how that gets the students to the required skill set. Each lab has been asked to come up with an action plan for improvement. It is interesting to note that the teachers by and large are asking what we can do to improve attendance and tardiness which, when compared to the average high school, CART’s attendance and tardiness is much better but the teachers want to teach responsibility and improve strategies for better attendance and punctuality.

Skillful Leadership

One of Fresno Unified School District’s leadership components is skillful leadership which requires administrators to spend more time in the classroom and how to better observe and gather information in order to reflect with the instructor later. Teachers are anxious to hear the results of our observations as we all work toward a common goal.

Guest Speakers

Mr. Forbes stated that he would be contacting Board members in order to obtain suggestions for guest speakers to present to students. One topic we would like to cover with students is appropriate use of technology resources, possibly a Human Resources or technology person to share with students about the proper use of Internet and other technology resources.

Susan Fisher shared the following information.

Chief Operating Officer

Current Enrollment

CLOVIS AM	FRESNO AM
Buchanan..... 118	Bullard 95
Clovis East 99	Edison 91
Clovis High..... 110	Fresno High..... 47
Clovis North..... 20	Hoover 68
Clovis West..... 81	J.E. Young..... 4
Enterprise 1	McLane 33
Gateway 2	Roosevelt 54
	Sunnyside..... 39
Total CUSD AM..... 397	Total FUSD AM 381

Current Enrollment, Continued

**STAFF REPORTS,
CONTINUED**

*Chief Operating Officer
Continued*

CLOVIS PM	FRESNO PM
Buchanan..... 53	Bullard 40
Clovis East 85	Cambridge..... 6
Clovis High 173	Edison 16
Clovis North..... 17	Fresno High..... 29
Clovis West 68	Hoover 26
Enterprise 2	J.E. Young..... 1
Gateway 3	McLane 25
	Roosevelt 61
	Sunnyside..... 51
Total CUSD PM..... 367	Total FUSD PM..... 255
GRAND TOTAL AM 764	GRAND TOTAL PM..... 636

Enrollment History

	Aug. 2003	Aug. 2004	Aug. 2005	Aug. 2006	Aug. 2007	Aug. 2008	Aug. 2009
CUSD	615	682	639	707	710	755	764
FUSD	402	482	309	492	592	638	636
Other	1	2	6	4	8	0	0
Total	1018	1166	954	1203	1310	1393	1400

	Aug. 2003	Aug. 2004	Aug. 2005	Aug. 2006	Aug. 2007	Aug. 2008	Aug. 2009
Buchanan	166	173	208	173	181	198	162
Clovis East	172	197	143	200	160	157	169
Clovis North							32
Clovis West	129	136	107	132	160	162	133
Gateway Enterprise	4	8	5	5	6	9	10
CUSD Total	615	682	639	707	710	755	764

	Aug. 2003	Aug. 2004	Aug. 2005	Aug. 2006	Aug. 2007	Aug. 2008	Aug. 2009
Bullard	79	98	101	127	151	149	134
Cambridge	0	0	7	2	8	11	6
DeWolf	0	0	0	1	0	0	0
Edison	40	31	18	48	69	82	102
Fresno	99	79	61	50	53	73	71
Hoover	61	36	27	65	94	112	79
JE Young	3	3	1	5	8	7	5
McLane	37	52	19	72	83	48	54
Roosevelt	62	71	37	51	56	83	103
Sunnyside	100	112	38	71	70	73	82
FUSD Total	402	482	309	492	592	638	636

Mrs. Asadoorian asked how many students drive to CART versus taking the school bus.

Mrs. Fisher responded that approximately 30% of the students drive and the rest take the bus. Mrs. Fisher further stated that many AM students are dropped off at CART but then take the bus to their home school from CART which makes it difficult for the transportation departments to anticipate the numbers.

Chairman Fortune noted that the enrollment has gone from 950 to 1400 in the last four years and stated that was a tribute to Mrs. Fisher's leadership.

**STAFF REPORTS
CONTINUED**

*Chief Operating Officer,
Continued*

Pilot Group Students

CART enrolled 44 students from the pilot group and 32 showed up and are attending. A report showing the number of students from each school; labs; and attendance thus far was shared. This report will be provided as the year progresses and additional data is available. Mrs. Fisher asked Board members to let her know if there was other information they wished to have included in this report. For the purposes of these minutes and student confidentiality, only the general statistics will be shared, not including student names. Mrs. Fisher noted that the teachers do not know which students are the pilot students.

	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
Bullard	5					
Edison	2					
Fresno	4					
Hoover	5					
McLane	1					
Roosevelt	2					
Sunnyside	9					
Cambridge	4					
Total	32					

Labs Assigned

Environ.	6
Econ/Fin	9
Law	9
Marketing	5
Bioeng.	1
Network	2
Total	32

AM/PM Session

AM	11
PM	21

Attendance

0 absences	59%
1 absence	22%
2 absences	13%
4 absences	3%
7 absences	3%

Mrs. Sandoval asked about all the pilot students being from Fresno Unified School District.

Mrs. Fisher explained that CART generally has a lower enrollment from Fresno Unified School District and more students are denied from Fresno Unified School District. Superintendent Hanson had posed the question of what would happen if we allowed these students to enroll and see how they did. Mrs. Fisher stated that she felt admitting students from this pilot group would be a good test to determine if the CART approach can be successful with students who are chronically absent; behind credits; or not performing well in the traditional school setting.

Mrs. Asadoorian asked at what point students are ever sent back to the home school.

Mrs. Fisher responded that students are sent back to their home high schools at semester if they have 2-3 failing grades because they need to be making progress toward graduation. A conference is held with each student before any scheduling changes are made.

CTE Projects

CART has two approved projects funded with Career Technical Education Funding – the remodel of the science area and the addition of classroom space. The projects were initiated to accommodate crowded programs and also to add space for additional students to enroll in the Biomedical Engineering program because that is such a huge employment area right now. Both projects are almost through the State DSA approval process and will probably go out to bid by the first of the year as one project. We hope to begin construction by late spring or early summer of 2010 which should enable us to have use of those classrooms for the 2010-2011 school year.

Board Meeting Schedule

1 Reviewing calendar to see if CART Board meetings could be consolidated
2 into one meeting every other month as necessary; or schedule a meeting
3 each month and then cancel the meeting if there was no business that
4 required action.

5 Mrs. Sandoval asked what the Board Bylaws say with regard to regular
6 Board meetings.

7 Michael Johnston stated that it would be necessary to review the Bylaws
8 and possibly revise them as necessary.

9 Chairman Fortune stated that he would not be opposed to meeting less, but
10 would prefer to have the meetings scheduled rather than scheduled and then
11 cancelled.

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

14 The meeting adjourned at 4:43 p.m.

15 Respectfully Submitted,

16 _____
17 Larry Fortune, Chairman
18 CART JPA Board of Directors

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**STAFF REPORTS,
CONTINUED**

*Chief Operating Officer,
Continued*

**PUBLIC
PRESENTATIONS
ADJOURNMENT**