



**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, October 10, 2017 at 4:00 p.m. in Room N102 at CART located at 2555 Clovis Avenue in Clovis, California.

Chairperson Betts called the meeting to order at 4:08 p.m.

**CALL TO
ORDER**

ROLL CALL

BOARD	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June
BETTS	Present	Present	Present								
GEIL	Present	Present	Present								
DE LA CERDA	Present	Present	Absent								
KONCZAL	Present	Absent	Present								
SANDOVAL	Present	Present	Present								
NELSON	Present	Present	Proxy								
O'FARRELL	Present	Present	Present								
ADMINISTRATORS											
STAFF											
WATSON	Present	Present	Present								
HANSEN	Present	Present	Absent								
PARKER	Present	Present	Present								

Kurt Madden, Chief Technology Officer, Fresno Unified School District, was in attendance/proxy for FUSD Superintendent Nelson.

ATTENDANCE

MCU [Sandoval/Geil] to approve the agenda as submitted.

**APPROVAL OF
AGENDA**

MCU [Konczal/Geil] to approve the minutes of September 12, 2017.

**APPROVAL OF
MINUTES**

Special Presentation
CART STUDENT PANEL

**SPECIAL
PRESENTATION**

The panel consisted of four second year CART students, Hunter Dedmore and Laney Linton from Buchanan High School, Leonor Izaguirre from Edison High School and Vincent Lackey from Sunnyside High School. C.E.O. Watson opened the panel session with two questions.

1. Why did you return as a 2nd year CART Student?
Several reasons which they returned included, the bonding due to common interests in the labs, more individualized instruction and more challenging curriculum.
2. If you were talking with friends about CART, what would you say?
The panel was in agreement in their answers of new and accepting environment, friendly and professional relationships with fellow lab mates from both CUSD and FUSD Schools and teaching staff as well as real-life relevant learning.
3. What are you currently working on in your labs right now?
Hunter and Laney, Law & Policy Lab, are currently conducting mock court sessions. Leonor, Biotechnology Lab, currently is creating genetically engineered creatures. Vincent, Robotics Lab, designing effective wheel spokes using Solid works software, creating prototype fidget spinners on 3-D printers and programming Arduinos for robots.

The Board was invited to ask the students questions as well. Several

1 questions were asked by the panel including, "What do you feel you
2 receive from CART that your home school does not provide you?" The
3 student answers included, real-life experiences, internship opportunities,
4 job interview skills, proper business writing skills. Another question
5 posed by the Board was "How has CART affected your decision on
6 whether and or where you will attend college?". The students shared that
7 the hands on and real life experiences in the field of their studies at
8 CART has helped them with further career decisions and has definitely
9 spurred their interest in attending college.
10 There was a discussion that the Board and student panel engaged in
11 which surrounded the relevancy of English and how it is integrated
12 at CART through linked learning. Students also discussed the depth of
13 writing skills they receive at CART.

14 MCU [Sandoval/Madden] to approve consent agenda as submitted.

CONSENT AGENDA

- 15 1. Approval of Purchase Orders & Check Register
16 Approve purchase orders from September 1, 2017 through September
17 30, 2017 and warrants numbered: 090717SN; 091417SN; 092117SN;
18 092717SN; 092917SN; 092917TX.

**APPROVAL OF
PURCHASE
ORDERS AND
CHECK REGISTER**

- 19 2. Approval of Student Field Trips

**APPROVAL OF
STUDENT FIELD
TRIPS**

20 BITWISE
21 Fresno, Ca.
22 October 23, 2017 *day trip only*
23 Econ/Finance Lab
24 580004-778-9015-7780-1000-7050-0-60078-78OPR-78
25 BUS/USAGE ROP ECON/FIN

26 Camp Sierra
27 Big Creek, Ca.
28 November 2, 2017 *day trip only*
Environmental Science Lab
580004-778-9015-7780-1000-7015-0-60078-78OPR-78
BUS USAGE ROP ENVIRO

Chiquito Creek
Mammoth Pools Reservoir
November 3, 2017 *day trip only*
Environmental Science Lab
580004-778-9015-7780-1000-7015-0-60078-78OPR-78
BUS USAGE ROP ENVIRO

San Francisco Exploratorium
San Francisco, Ca.
December 7, 2017 *day trip only*
Psychology Lab
580004-778-0000-7785-1000-1110-0-60078- -78
BUS USAGE UNRESTRICT PSYCH

- 29 3. Approval of Conference Requests
30 N/A

**APPROVAL OF
CONFERENCE
REQUESTS**

31 At N/A the Board convened to closed session

CLOSED SESSION

32 At N/A the Board reconvened.

RECONVENE

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ACTION
N/A

INFORMATION
N/A

1. Don Ulrich, CUSD Deputy Superintendent, updated the CART Board on the process of the upcoming CART C.E.O. evaluation.

1. Rick Watson, C.E.O. shared with the Board the framed Resolution AB760 Legislation that was presented to CART by Assemblymen Jim Patterson and Joaquin Arambula. Jemma Welch a representative from Senator Berryhill’s office was also present. Jemma was a CART graduate as well as the camera man from ABC30 News who was present to film the presentation.

2. CART had the pleasure of a visit from William Broomfield, who is present today. C.E.O. Watson had the privilege of hosting his visit.

3. Introduced the Kaiser Grant Project through our Biomedicine Lab to bring healthy habits and living instruction to two area elementary schools, Tarpey Elementary – CUSD and Vinland Elementary – FUSD. This project takes place with CART students visiting the schools every Thursday for one hour, both AM & PM sessions. The CART Board members are invited to come and see one of the instruction times at the Elementary Schools.

4. CART has the opportunity to apply for CTE Facilities Project Grants. Looking at two possibilities for grant funds. 1. Expand the current Engineering/Manufacturing Lab. 2. Possibly adding a new Occupational/Physical Therapy Pathway.

5. Discussed with the Board topics for our upcoming CART Board Workshop. Deciding on CART’s Strategic Plan, Governance and CART’s role in the Life Skills Initiative.

5. Ms. Deborah Nankivell, Fresno Business Council, along with Rick Watson, C.E.O., discussed new information and updates regarding the Life Skills Initiative and capturing the essence of CART. The Board was given a handout outlining possible CART and CART Board involvement in this initiative. The Board members discussed CART staff participation in professional development within the scope of the initiative as well as.

PUBLIC PRESENTATIONS – Members of the public will have an opportunity to address the Board. Presentations will be limited to three (3) minutes.
N/A

The meeting adjourned at 5:44p.m.
Respectfully submitted, CART Chairperson, Mike Betts.
CART JPA Board of Directors
CART: 10.10.17.kp

ACTION

INFORMATION

STAFF REPORTS
Don Ulrich, CUSD
Deputy Superintendent

Rick Watson, C.E.O.

PUBLIC PRESENTATIONS

ADJOURNMENT