



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, February 13, 2024, at 4:00 p.m.

CALL TO ORDER

Chairperson Cook called the meeting to order at 4:05 p.m.

ROLL CALL

BOARD	August	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June
COOK	Absent	Present	Present	Present	Present	Absent	Present				
KONCZAL	Present	Present	Present*	Present	Present	Present	Absent				
MESFIN	Present	Absent	Proxy	Present*	Absent	Present	Present				
AWTREY	Present	Present	Present	Present	Present	Present	Present				
WITTRUP	Present	Present	Present	Present	Present	Present	Present				
NELSON	Present	Proxy	Proxy	Present*	Present*	Present	Present				
FOLMER	Proxy	Present*	Present	Present	Present	Present	Present				
ADMINISTRATORS											
STAFF											
WATSON	Present	Present	Present	Present	Present	Present	Present				
BYNUM	Present	Present	Present	Present	Present	Present	Present				
PARKER	Present	Present	Present	Present	Present	Present	Present				

MCU [Awtrey/Folmer] to approve the Agenda for February 13, 2024.

APPROVAL OF AGENDA

MCU [Awtrey/Nelson] to approve the Minutes for January 9, 2024.

APPROVAL OF MINUTES

SPECIAL PRESENTATION

SPECIAL PRESENTATION

1. CART 2023-2024 Best Presentation Winners- UX Design

Mary Allen, UX Design Lab Teacher, introduced the CART 2023-2024 Showcase Presentation Winners, Nancy Her, Audrey Steele, Itzel Gomez and Nyah McDuff.

The group shared with the Board a Google Slides presentation which they created for the merchandising app for Jurrasic Park products. They explained their 5-step design process. Their 5 steps included, Empathize, Define, Ideate, Prototype and Test. The technology they used was Figma, Adobe ai and Coursera. The group shared a QR Code which the Board members used access to experience their final Jurrasic Park app to view the merchandise.

MCU [Awtrey/Folmer] to approve the Consent Agenda.

CONSENT AGENDA

1. Approval of Purchase Orders & Check Register

Approve purchase orders from January 1, 2024, through January 31, 2024, warrants numbered: 010424WB; 011124WB; 011824WB; 012624WB; 013124WB.

APPROVAL OF PURCHASE ORDERS AND CHECK REGISTER

1. Approval of Conference Requests N/A

APPROVAL OF CONFERENCE REQUESTS

APPROVAL OF STUDENT FIELD TRIPS

CLOSED SESSION
N/A

**CLOSED
SESSION**

ACTION

INFORMATION

A. Susan Rutledge, CUSD Assistant Superintendent Business Services shared with the board an error had occurred in the billing reconciliation with our FFP Fund that created a payment for CART's 2022-2023 Solar costs that was paid by CUSD. CART will need to repay CUSD for these charges.

Ms. Rutledge explained two options for repayment. Option 1, a one-time payment from CART's 2023-2024 budget to CUSD, Option 2. a scheduled repayment plan.

B. Superintendent Dr. Nelson proposed the Board approve a one-time payment to CUSD, utilizing CART's 2023-024 operation carry-over budget funds.

MCU [Awtrey/Mesfin] to approve this one-time payment to CUSD.

STAFF REPORTS

A. Dr. Watson gave the board an update on CART Showcase 2023-24

1. First, he thanked those members of the board who were able to attend. Our students really appreciate seeing you as they are honored that you would come and share in their first semester learning, skill building, and real-world experience.
2. We had one group of elementary students attend from Dry Creek Elementary. We always appreciate when elementary students attend as it broadens the audience for our students and exposes them to CART for future opportunities like Summer Academy and CART when Sophomores and Juniors. The GATE Teacher from Dry Creek forged a partnership earlier in the year with the Forensics Lab. Erin Andrade and her team hosted the GATE students and did a great job welcoming and guiding them.

B. Recruitment for 2024-25 Update

CART participated in and hosted several events leading up to the CART's application deadline which was this past Friday February 9th

1. Staci, Will Dunn, Aaron Love, CART Ambassadors, and I participated in CUSD CTE Night several weeks ago. It was a great opportunity for us and was very well attended. Our student ambassadors were very busy.
2. CART hosted two Prospective Student/Family Information nights for those students interested in applying for the 2024-25 school year. There was a great turnout and out lab teams did a great job interacting with families and talking about their labs.
3. We had several CART Teachers make additional lunch time visits to four FUSD campuses as outreach to our focus FUSD Schools.
 - o Roosevelt (focus)
 - o McLane (focus)
 - o Hoover (focus)
 - o Fresno HS (because Gina Sandoval is awesome and loves CART)

We really appreciate this team for their extra time and diligence in getting more students from these schools interested in CART.

4. Application Totals

- o Total Application Count- 2321
- o Total Application Count for last year- 2385

We are very pleased with this number! Tina is still sorting and verifying so we will have the school breakdown for applications and placement numbers at the March meeting since the lottery will have been completed.

5. Great news for the science nuts in the room. CART just received a fluorescing microscope courtesy of FUSD CTE funds. This microscope was a request of neuroscience teacher Angela Thornton who was privileged this past summer to spend time learning experimental procedures with UC Merced Professor Dr. Ge.

- o Working with Dr. Ge, and Discover-Echo, Angela was able to choose a fluorescing microscope geared towards high school students.
- o The microscope will be an amazing tool for enhancing instruction for all our science teachers and students.

6. The Law Advocacy group that won the Billboard competition was just interviewed by a Fresno Bee Education Lab Reporter for a story she is writing. We are all looking forward to the story coming out. Very exciting!

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

**PUBLIC
PRESENTATIONS**

The meeting adjourned at 4:41 p.m.

Respectfully submitted, Chairperson Cook.

CART 02.13.24 TC/kp

MSCU=Motion (*Board Member making the motion listed*), Second (*Board Member making the second listed*), Carried Unanimously

MSC=Motion, Second, Carried (*Board members voting NO listed.*)

MSF=Motion, Second, Failed (*Board members voting NO listed.*)

ADJOURNMENT