



Academic Senate

El Camino College

Officer Reports



President's Report

Curriculum

Educational Policies

Faculty Development

Women's Health Workshop

- Tomorrow at noon in DE 166



Wellness Warriors

Women's Health Workshop



Preventative care includes simple but important choices every woman can make to live a longer and healthier life. In this workshop, participants will explore preventative steps that women can take to enjoy good health. Risk factors and screening recommendations specific to women will be reviewed. Participants will be invited to create a realistic action plan that will help them take positive steps towards taking control of their health.

Date: Wednesday, March 4th

Time: 12:00pm – 12:45pm

Location: Distance Education Center (DE 166)

Facilitator: Caroline Gutierrez, Senior Learning Consultant, Kaiser Permanente

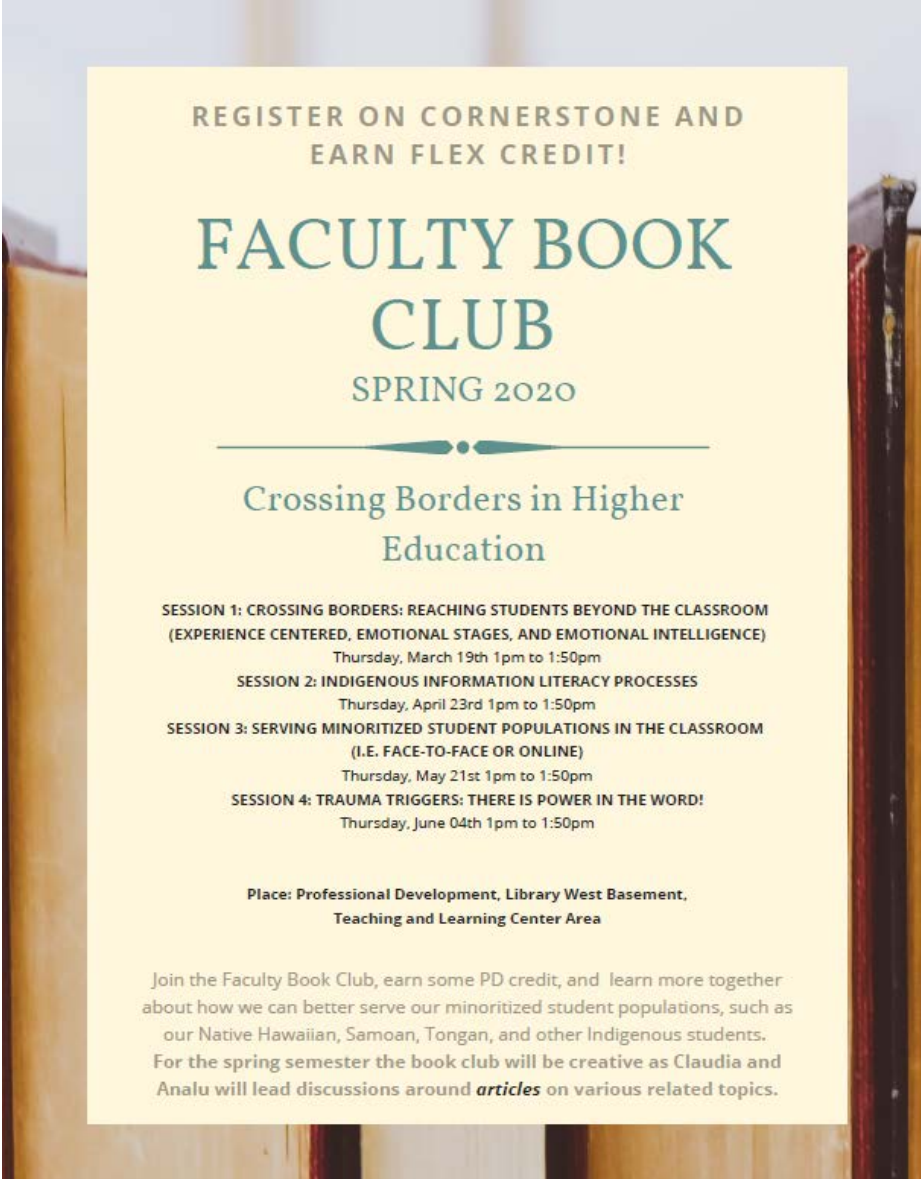
Registration on Cornerstone is not mandatory, but strongly encouraged

Faculty Development

Faculty Book Club

First meeting:

- Thursday, March 19th
- 1:00 in the Library West Basement

A yellow poster with a decorative border, titled 'FACULTY BOOK CLUB SPRING 2020'. It lists four sessions with dates and times, and provides the location: Professional Development, Library West Basement, Teaching and Learning Center Area. The poster also includes a brief description of the club's purpose and the role of Claudia and Analu in leading discussions.

REGISTER ON CORNERSTONE AND
EARN FLEX CREDIT!

FACULTY BOOK CLUB

SPRING 2020

Crossing Borders in Higher
Education

SESSION 1: CROSSING BORDERS: REACHING STUDENTS BEYOND THE CLASSROOM
(EXPERIENCE CENTERED, EMOTIONAL STAGES, AND EMOTIONAL INTELLIGENCE)
Thursday, March 19th 1pm to 1:50pm

SESSION 2: INDIGENOUS INFORMATION LITERACY PROCESSES
Thursday, April 23rd 1pm to 1:50pm

SESSION 3: SERVING MINORITIZED STUDENT POPULATIONS IN THE CLASSROOM
(I.E. FACE-TO-FACE OR ONLINE)
Thursday, May 21st 1pm to 1:50pm

SESSION 4: TRAUMA TRIGGERS: THERE IS POWER IN THE WORD!
Thursday, June 04th 1pm to 1:50pm

Place: Professional Development, Library West Basement,
Teaching and Learning Center Area

Join the Faculty Book Club, earn some PD credit, and learn more together
about how we can better serve our minoritized student populations, such as
our Native Hawaiian, Samoan, Tongan, and other Indigenous students.
For the spring semester the book club will be creative as Claudia and
Analú will lead discussions around *articles* on various related topics.

Finance

Academic Technology

- [Academic Technology Committee](#)
 - Conference March 13, 2020
- [College Technology Committee](#)
- Thurman Brown

Instructional Effectiveness

- Fall 2019 SLO Reports due to be entered in Nuventive by 6 March
- Fall 2019 PLO Reports due to be entered in Nuventive by 20 March
- Workshop to enter SLO & PLO reports in Nuventive on 5 March in LIB 19 2:30-3:30pm.

To do for Spring 2019

- Updating of SLO & PLO assessment timelines for 2020-2024

SLO & PLO Reports Yet to Be Entered

Division	SLO Reports to Be Entered	PLO Reports to Be Entered
BSS	27	2
BUS	19	4
ART	31	1
HSA	15	1
HUM	53	6
ITEC	82	7
MATH	9	1
NSC	9	1

Special Committees



Academic Affairs

Student Services

Distance Education

Unfinished Business



New Business



Accreditation Institutional Self Evaluation

- <https://www.elcamino.edu/accreditation/>

AP 4300, Field Trips and Excursions

Information Items



Celebrating Success!!!

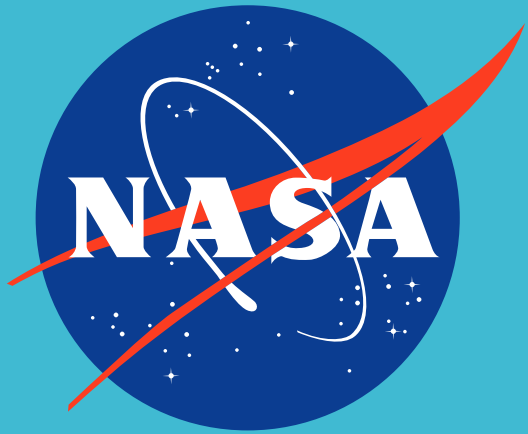
NASA
Project

NASA MITTIC

Edwin Ambrosio

El Camino College – Team oxE1Co

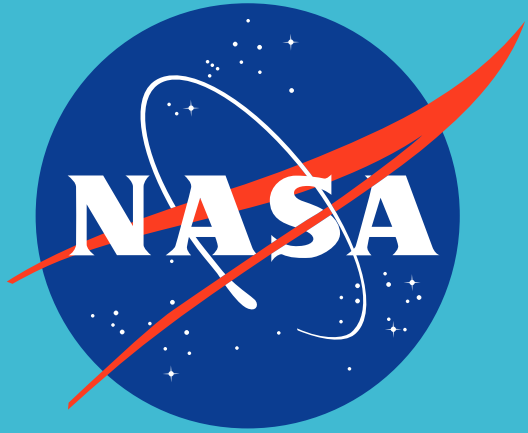




MUREP

- MUREP is NASA's Minority University Research and Education Project
- Provides financial assistance via competitive awards to Minority Serving Institutions, or MSIs, including
 - Historically Black Colleges and Universities
 - Hispanic Serving Institutions
 - Asian American and Native American Pacific Islander Serving Institutions
 - Tribal Colleges and Universities
 - Other minority-serving institutions
 - Eligible community colleges

More on



MUREP

- With these awards, MUREP:
 - Assists faculty and students in research and provide authentic STEM engagement related to NASA missions
 - Provides NASA-specific knowledge and skills to learners who have historically been underrepresented and underserved in STEM
 - Assists NASA in meeting the goal of a diverse workforce through student participation in internships, fellowships and scholarships at NASA centers and JPL

MITTIC

MITTIC

MUREP Innovation and Tech Transfer Idea Competition

- Premise was to choose from a list of 20 NASA patents/intellectual property (IP) and develop viable commercial applications for the IP

The Team

- Primary Team Members:
 - Jae Won Hwang (Aerospace Engineering)
 - Marco Marrufo (Electrical Engineering)
 - Conner Rehm (Computer Science)
 - Maya Zeng (Computer Science)
- Additional Contributors:
 - Brady Fernandez (Machine Tool Tech.)
 - Oscar Garza (Spokane Community College)
 - Emily Jung (Accounting)
 - Khoa Phan (Computer Science)
 - Lubin Zeng (Accounting)
 - Joshua Escalante Troesh (Professor, Business Division)



MITTIC Timeline

2018

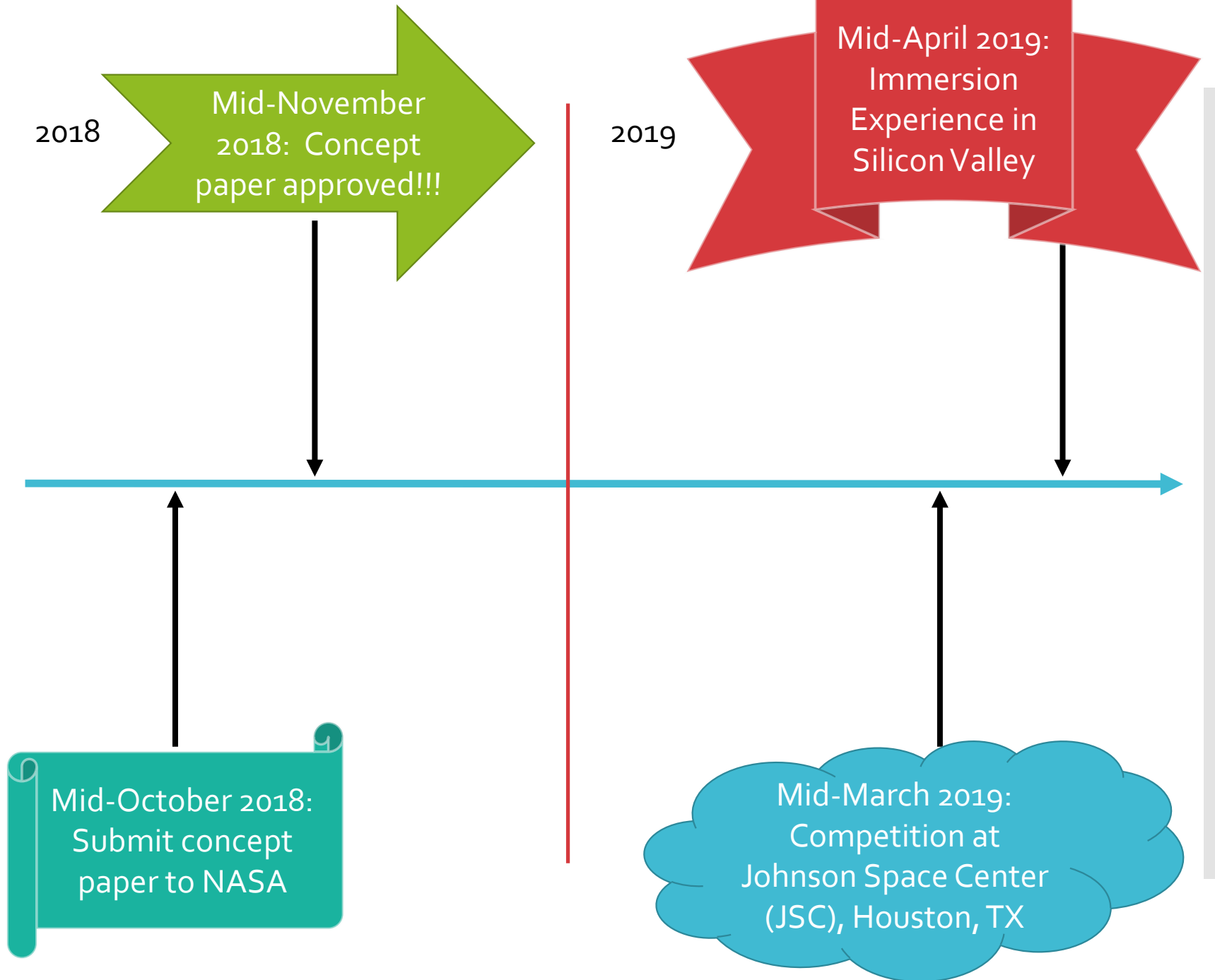
Mid-November
2018: Concept
paper approved!!!

Mid-October 2018:
Submit concept
paper to NASA

2019

Mid-April 2019:
Immersion
Experience in
Silicon Valley

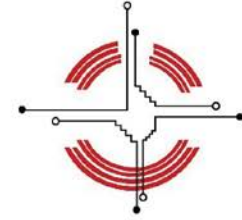
Mid-March 2019:
Competition at
Johnson Space Center
(JSC), Houston, TX



MITTIC Competitors



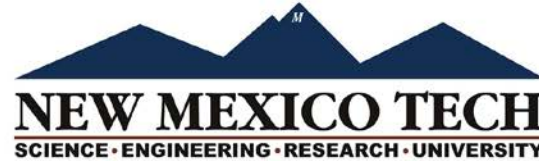
El Camino College



NAVAJO
TECHNICAL
UNIVERSITY
ESTABLISHED 1979



UPRRPA



Fullerton College
Excellence. Elevated.



LANGSTON
UNIVERSITY



MITTIC Competition Components

- Business Plan
 - Concept paper summarizing the business applications of the IP and the plan of how to make it marketable
- Poster Board
 - Summary of key components of business plan in a poster board
- “Space Tank” Presentation
 - Based on the concept of the TV show Shark Tank, teams had to pitch their plan to a panel of judges in a 8 – 10 minute time span

What Currently Exists? Wireless Access Point (WAP)

- WiFi generally is subpar
- To help boost the signal, a Wireless Access Point is generally used
- Issues?
 - Needs power
 - Stationary (i.e. plugged in at one location)

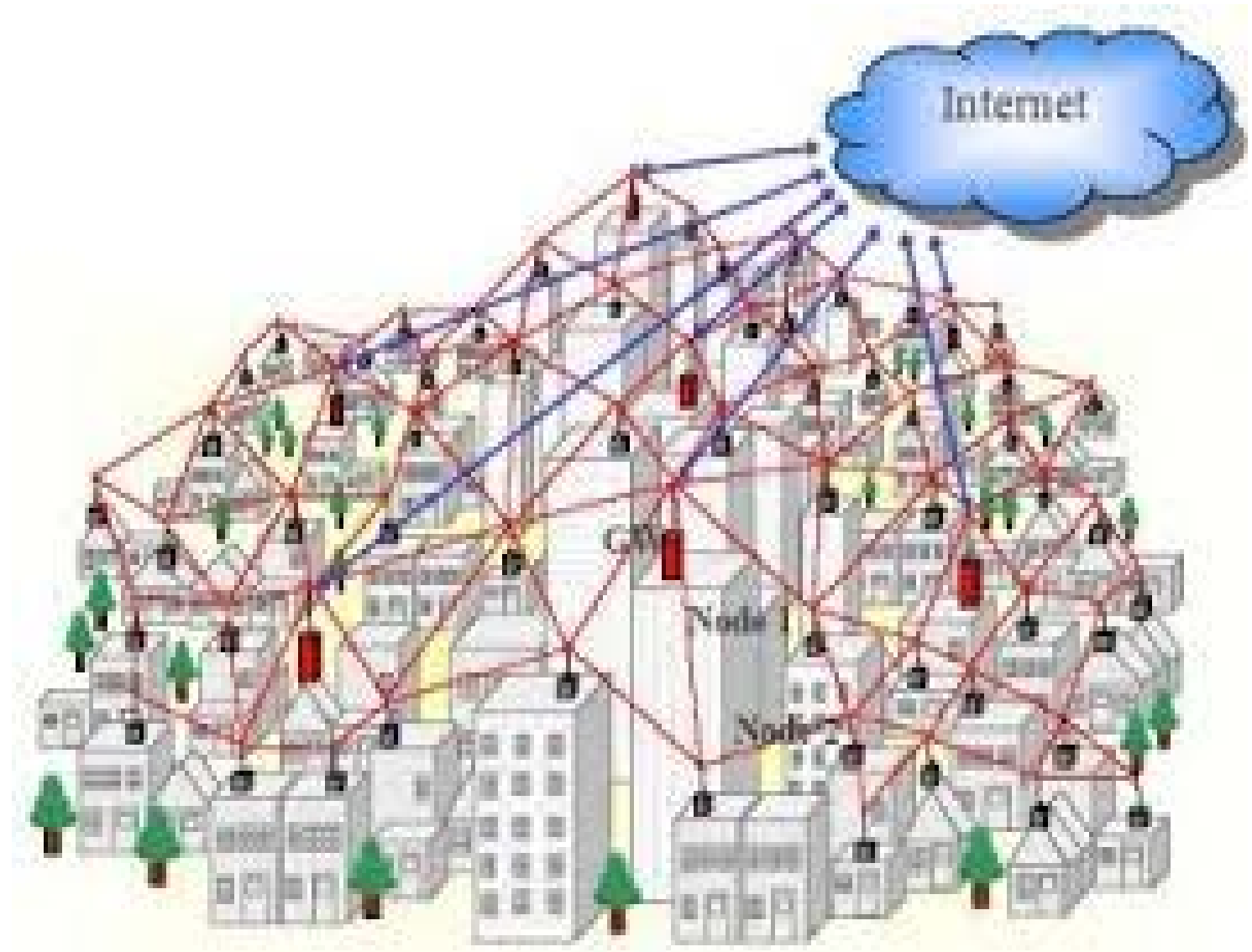


Solution: Portable Wireless Signal Booster (PWSB)

- No electricity needed
- Portable and flexible
- 7-15 dB signal gain



Team oxE1Co's
Vision of the
PWSB: Free
Municipal WiFi
for
Underserved
Communities

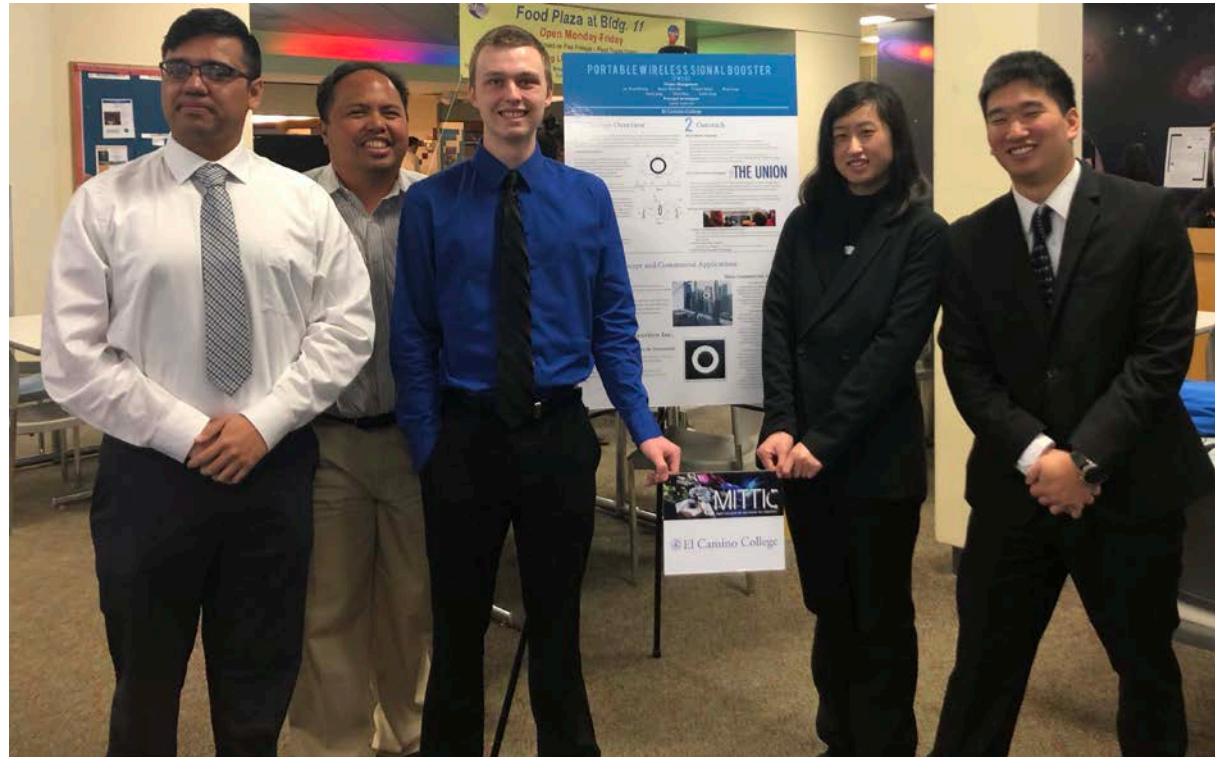


Trip to Johnson Space Center: NASA Tour



NASA MUREP Innovation and Tech Transfer Idea Competition March 11-14, 2019

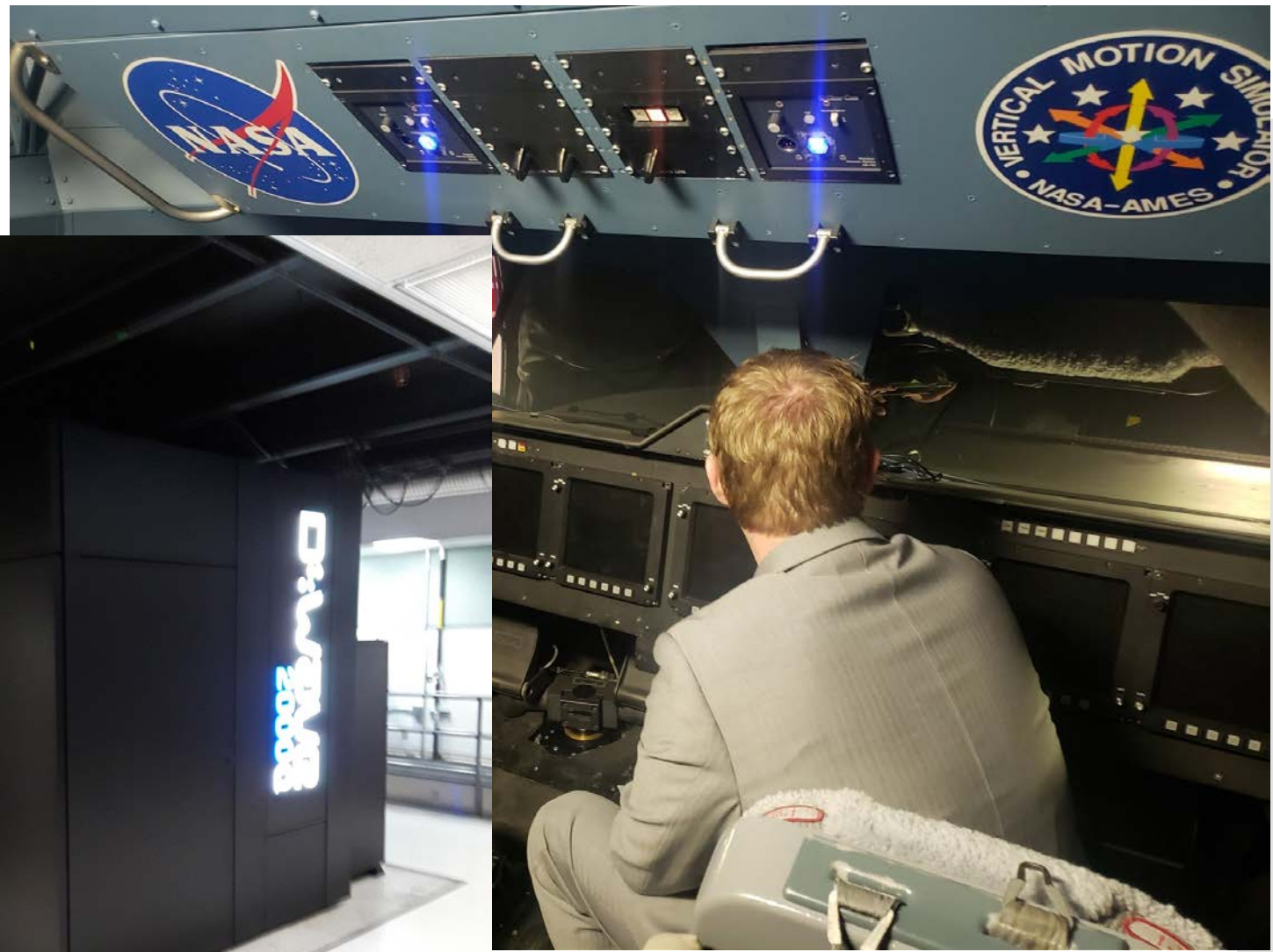
Trip to Johnson Space Center: Presentation Day



Houston, We
Have a Winner!



Trip to Ames
Research
Center...



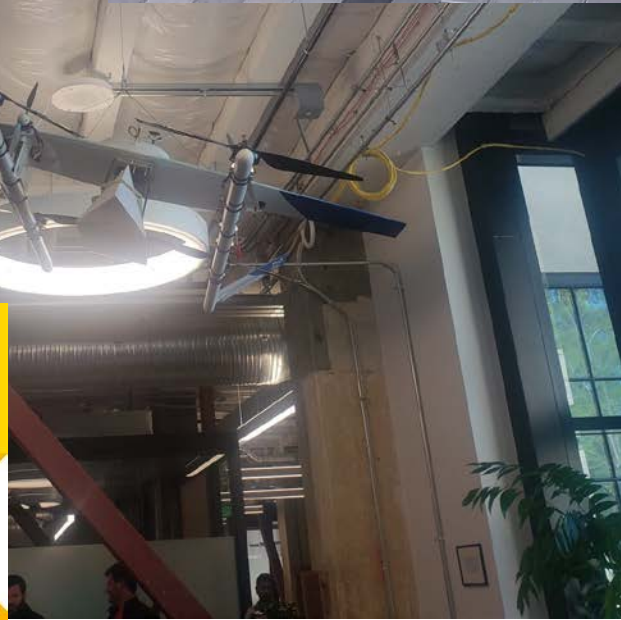
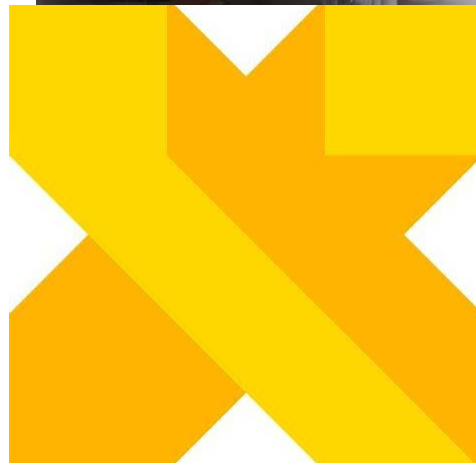
...and Silicon Valley Businesses



RENAULT NISSAN MITSUBISHI



**MADE
IN SPACE**



What's Next?



- Team oxE1Co is currently forming a startup company!!! Story to be continued...