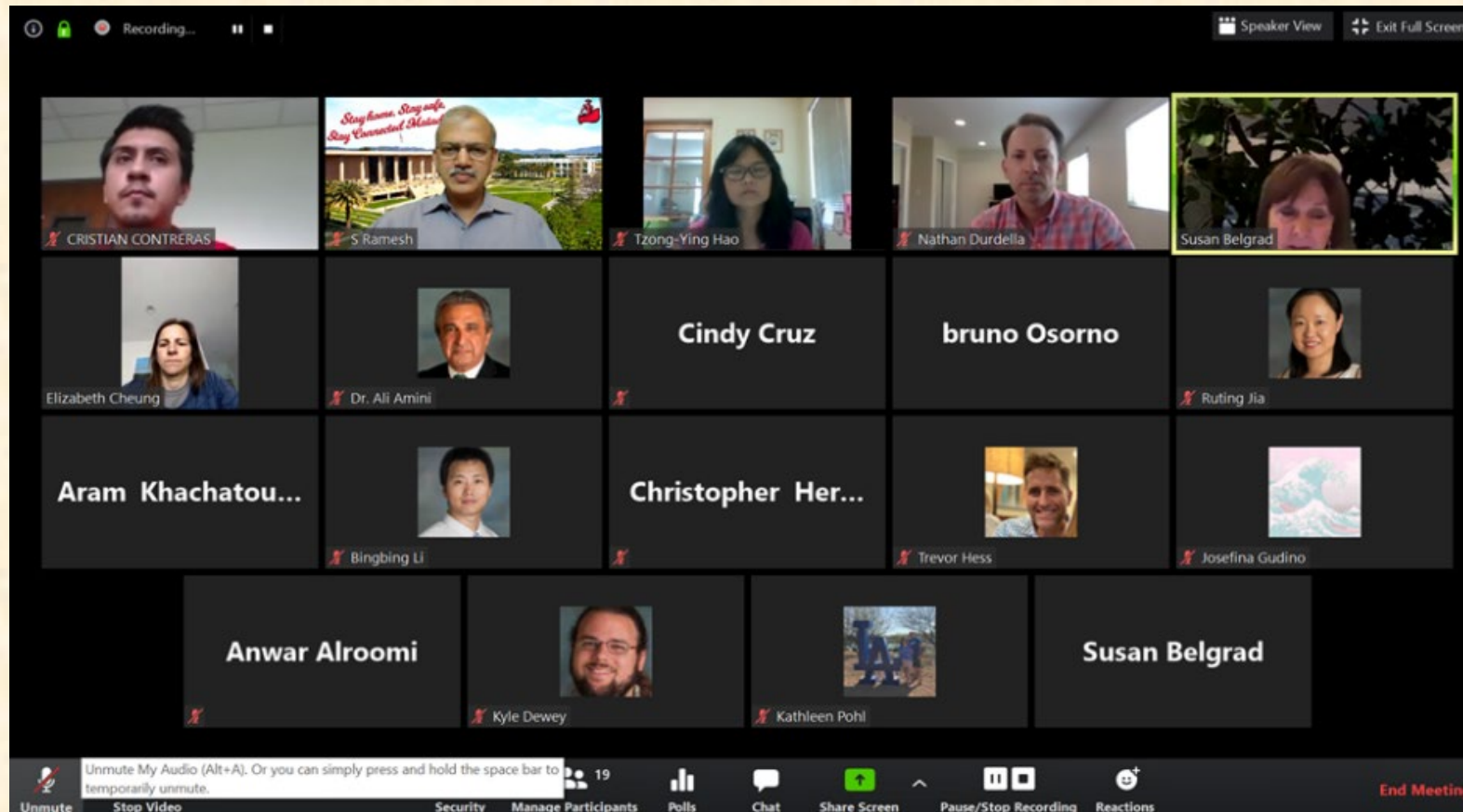




Welcome to AIMS² (HSI-STEM Grant) Meeting # 87



**1 PM – 3 PM
August 20, 2020,**



AGENDA

- Welcome and Information Items – Ramesh
- CSU system wide STEM Summit – Jun 8th / 9th
- Summer 2020 Research Program (June 1st – Aug 7th)
- External Advisory Committee Meeting – June 12th
- CSU STEM Summit recording on Assessment/Evaluation
- Meetings calendar for fall 2020
- Summer 2020 webinars – Josefina



Zoom Meeting

Recording

Eric Martinez	S. K. Ramesh	Ganesh Raman	Frank Gomez	Somnath Chatt...	Blake Gillespie	Charles Lam
Christopher Me...	Kirsty Fleming	Sudarshan Kur...	MariaElena Zav...	Paul Villegas	namrata patel	Don Haviland
Kirsty Fleming	Harold Stanislaw	Erika Kato	Veronica Fematt	Lisa Guzman	Mark Filowitz	Cecile Bendavid
Crystal Martin...	Iqbal Atwal	John Banks	Marina Shapiro	Felisha Herrera...	Michael Kotar	Paul Beardsley
Michelle M. Ca...	Mary McCarthy ...	Monica Alarcon	Amy Sprowles	Beatriz Ceja	Holly Unruh	Megan Drangst...

Type here to search

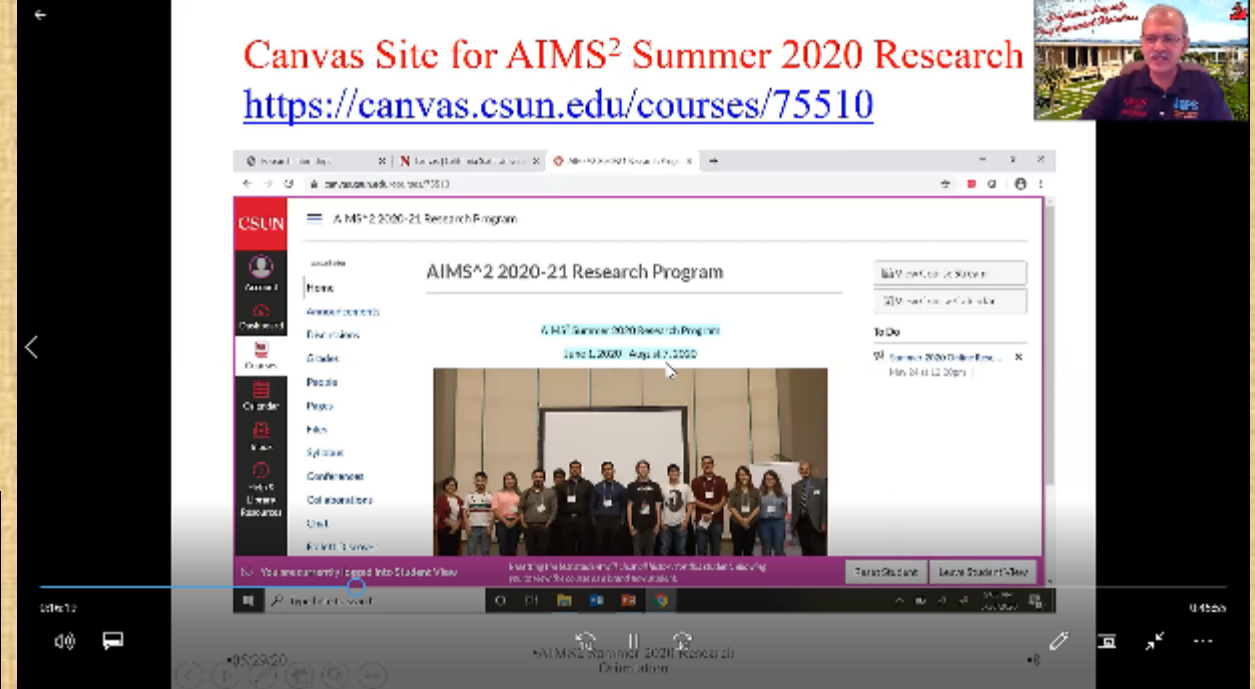
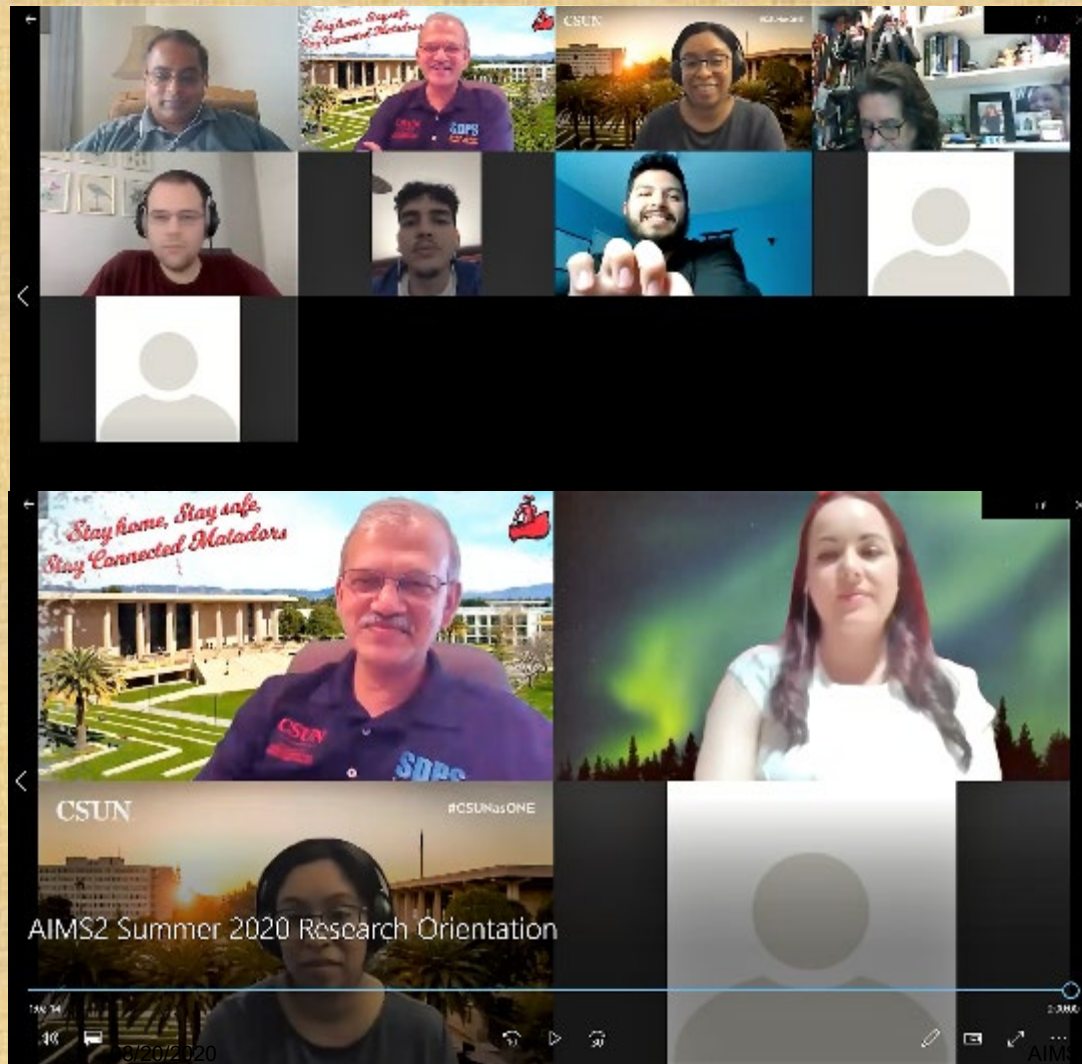
9:04 AM 6/8/2020

**HSI-
STEM
Exemplar**

***CSU
STEM
Summit
June 8***



Summer 2020 “virtual” Research program

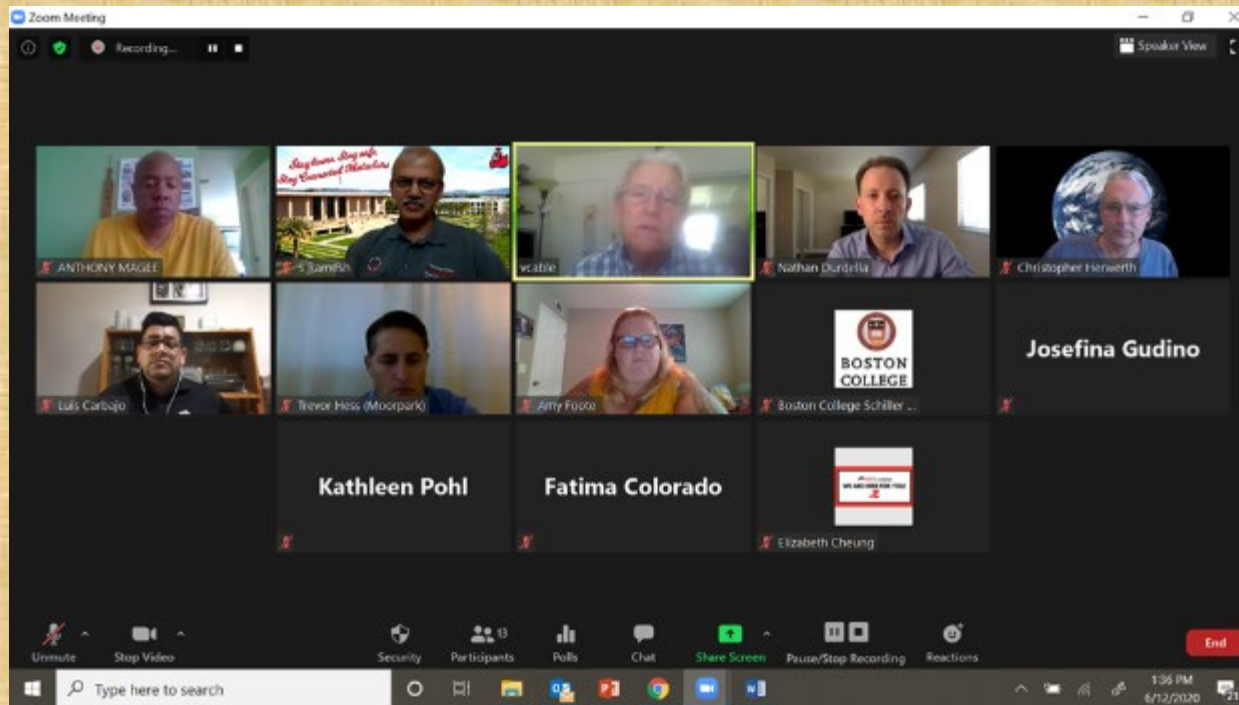


- 4 Projects – Prof. Dewey (3), Osorno (1)
- 10 Students
- June 1 – August 7



9th Annual External Advisory Committee Meeting

- 6 External Advisory Committee Members attended
- June 12, 2020



- Overall – Kudos to team for program impact
- Opportunities for partnering on future RFP

08/20/2020

AIMS2 HSI-STEM Meeting # 87



5



Supporting AIMS² Program Development: From Formative to Summative Evaluation



Formative to summative evaluation_AIMS2



S. K. Ramesh, Project Director

Nathan Durdella, Project Assessment Coordinator

CSU HSI-STEM Summit-2020

Photo-Courtesy: Armando Tellez



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Meetings Calendar for Fall 2020

- ***Aug 20th, 2020***
- ***Sep 10th, 2020***
- ***Oct 8th, 2020***
- ***Nov 12th, 2020***
- ***December 10th, 2020***

All meetings on Zoom online

Monthly meetings above are scheduled from 1 PM – 3 PM

- ***Aug 28th, 2020*** – Orientation for Cohort 5 (3 PM – 5 PM)
- ***March 2021***– Annual Research Symposium, TBD



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Summer Webinars



AIMS² WEBINAR

ADAPTING TO ONLINE LEARNING

4 Common Challenges and How to Overcome Them:

Challenges	How to Overcome
1. Digital Literacy	<ul style="list-style-type: none"> Ability to successfully log in, participate in classes, submit work, and communicate with teachers and classmates.
2. Technical Issues	<ul style="list-style-type: none"> Fast internet. Have a list of reliable, Wi-Fi connected places you can visit nearby, like a public library.
3. Time Management	<ul style="list-style-type: none"> Identify time-wasters. Break down responsibilities. Avoid trying to multitask.
4. Motivation	<ul style="list-style-type: none"> Show up. Schedule study time. Practice positive self-talk.

No Matter What Challenge You May Face, You're Not Alone!

Prof. T.-Y. Hao, 06/11/2020



Summer Webinars



COLLEGE OF
ENGINEERING AND
COMPUTER SCIENCE

**WHAT TO EXPECT IN SENIOR DESIGN
PROJECTS – FALL 2020**

Join our faculty in the College of Engineering and Computer Science to learn
more about how to prepare for Senior Design Project Course














AIMS² via ZOOM
 July 16th, 2020 @ 1:00PM
<https://csun.zoom.us/j/91221663720?pwd=UEhqVUw3UjBNbnovU0JFTlJ4RnZqZz09>

Presenters:

- Prof. Kyle Dewey: Computer Science
- Prof. Aram Khachatourians: Mechanical Engineering
- Prof. Bingbing Li: Manufacturing Systems Engineering and Management
- Prof. Sami Maalouf: Civil Engineering
- Prof. John Valdovinos: Electrical and Computer Engineering













Jet Propulsion Laboratory
California Institute of Technology

**NASA Jet Propulsion Laboratory's
STEM Internship Information Session**

Join Jenny Tieu to learn about exciting internship opportunities at NASA's Jet
Propulsion Laboratory, the Center for robotic exploration of the solar system.

AIMS² via Zoom
 July 23, 2020 @ 1:00PM
<https://csun.zoom.us/j/96801484660?pwd=cEZkaWtwRTN0d1VXdXZ2eE55NDZlZz09>

Speaker Bio:
 Jenny Tieu is the Education Project Manager at NASA's Jet Propulsion Laboratory (JPL) and serves as a team member on NASA's Minority University Research Education Project (MUREP) to engage underrepresented populations in STEM through a wide variety of initiatives. In these roles, Jenny provides oversight as well as program management for the Maximizing Student Potential (MSP) in STEM internship program, HBCU Initiative, Community College workshop and internship program, and university collaborations. Jenny holds a Master of Business Administration from University of Redlands and Bachelor in Communications from USC.

Follow the link and Click **APPLY NOW**
www.jpl.nasa.gov/edu/intern/apply/maximizing-student-potential





AGENDA

- Supplemental award (AIMS2 Future Teachers in STEM) status update
- Project implementation and timelines – Susan Belgrad
- Project Assessment and Evaluation – Nathan
 - Schedule and timelines for Year 4 APR
- Project Activities and plans for 2020-21 – Updates from CC Project Partners
 - College of the Canyons – Amy Foote
 - Glendale Community College – Chris Herwerth, Marisela Canela, Freddy Saucedo
 - Moorpark College – Trevor Hess
 - LA Pierce College – Elizabeth Cheung

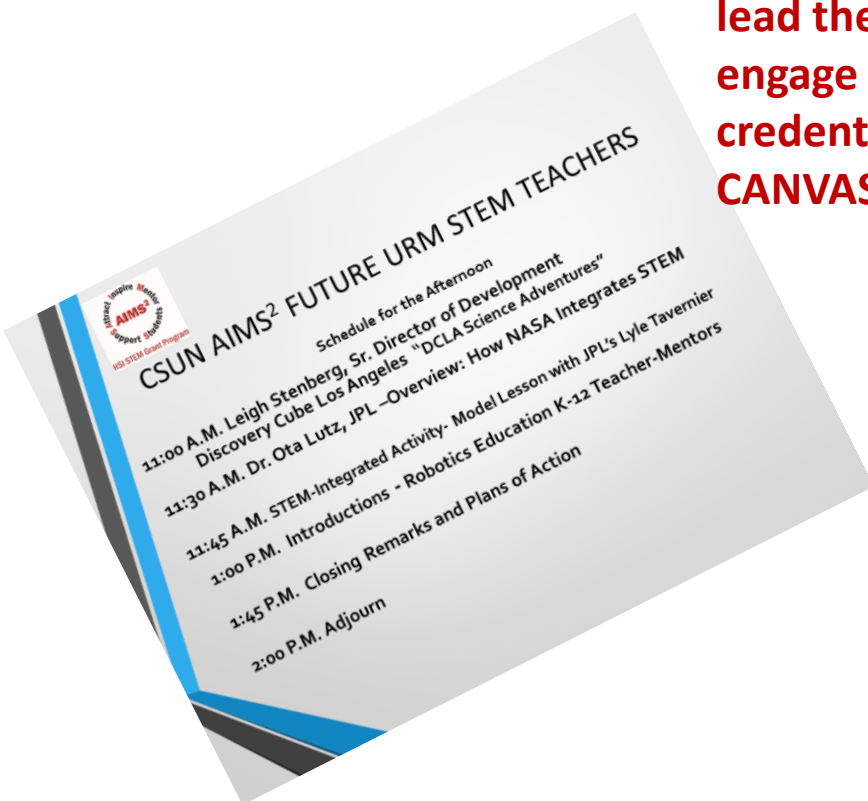


HSI STEM Grant Program

Beginning Your Teaching Career As an Inclusive STEM Educator

With the completion of today's workshop the work will begin to engage the Scholars with K-12 educators who lead the T and E in STEM learning In their schools. Scholars will engage with the assigned mentors as they complete teacher credentialing. They will also participate in continuing CANVAS discussions and a focus group early 2021.

Dr. Susan Belgrad and Dr. Nathan Durdella
CSUN AIMS² Future STEM Teachers and
Professor S.K. Ramesh, Director, AIMS²



1	Carmen Solis	Single Subject
2	Joseyln Del Angel	Single Subject
3	Amore' Thompson	Single Subject
4	Kelly Lourcey	Single Subject
5	Stephanie Nguyen	Single Subject
6	Amelia Lopez	Multiple Subject
7	Cheyenne Zazula	Multiple Subject
8	Tatyanna Smith (Brown)	Multiple Subject
9	Maria Sklar	Multiple Subject
10.	Jackie Sanchez	Single Subject

08/20/2020



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HSI STEM Grant Program



College of the Canyons – Fall 2020

- **Weekly Check-ins with Students**
- **CANVAS** – Counseling; Internships and Research opportunities; Professional Workshops; Tutoring; Academic Excellence Workshops; Scholarships; Skills Lab; Hands on Projects; Textbook, Graphing Calculator, and Laptop check out; Industry presentations; Student Study Groups
- **Attend Virtual Conferences** – SHPE, HENAAC, SACNAS, MESA Student Leadership Conference
- **ARCS Program** – student research/fellowship each year



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Fall 2020 Student Support through AIMS²

- STEM Tutoring Online: Physics, Statics, Engineering Graphics, Computer Science, Calculus
- Career Guidance Counseling Assistant (CGCA) – STEM major mentoring online
- STEM transfer workshops
- STEM transfer student panel
- Guest speakers

PIERCE COLLEGE

Career and Transfer Center – Live Chat



Offline

Rebecca S.

Career & Transfer Mentor

Availability :

Tues: 8am-2pm

Wed: 8am-4:30pm

Fri: 8am-2pm

STEM Major Mentor



SEND OFFLINE
MESSAGE



ATTEND A
TRANSFER
WORKSHOP



SCHEDULE
MEETING



AGENDA

- 2020-21 Peer Mentoring Program – Josefina

Action Items

- Status of CSUN cohort recruitment (FTT-5)
- New cohort orientation – August 28th
- Assignment of students by faculty from Cohorts 1, 2, 3, 4, and 5
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- Adjourn



2020-21 Peer Mentors

Returning Peer Mentors	
Diego Barreto	Mechanical Engineering
Elvis Chino-Islas	Computer Engineering
Alan Cruz	Mechanical Engineering
Marian Giron	Electrical Engineering
Tiffany-Ziba Haghighi	Mechanical Engineering
Jake Lyon	Computer Science
Christian Mariscal	Mechanical Engineering
Meyer Millman	Computer Engineering
Aaron Palacios-Romero	Mechanical Engineering
Eileen Quiroz	Computer Science
Garabed Simitian	Mechanical Engineering
Fernando Vargas	Computer Science

New Peer Mentors	
Tracy Albers	Computer Science
Ashley Kuhnley	Electrical Engineering
Kathleen Molina	Civil Engineering
Megan Ngo	Computer Engineering
Kimberly Ortiz	Mechanical Engineering

Returning Alumni Mentors
Melissa Flores
Marcelo Rodel-Carlos
Pablo Casas
Anthony Ortiz
Michael Perez



General Expectations

1. Provide mentoring to current cohort students in all areas of student services, campus resources, and academic programs, paying particular attention to the challenges faced by CECS majors.
2. Attend mandatory training sessions and all scheduled monthly meetings. The monthly meetings will be online on Zoom and are an important aspect of the program to discuss issues, and challenges, and appropriate follow up actions to support mentees in your group.



General Expectations (continued)

3. Participate in the planning, implementation and hosting of student orientation and workshops for new cohorts.
4. Prepare and deliver presentations on topics of basic study skills and time management for CECS majors, how to be a student leader, and how to succeed at CSUN.
5. Virtual visits to partner community colleges for meetings with prospective CECS major students, and participate in forums and workshops for prospective students interested in CECS Majors.



AGENDA

- 2020-21 Peer Mentoring Program – Josefina

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Cohort 5 Recruitment

- Over 410 eligible FTT students invited to complete online application. Application open from June 5 – July 15
- Received 83 applications
- Selected 37 FTT and invited to submit signed contract by August 21
- As of 08/20 – 35 out of 37 have submitted their contracts.
- Plan to reach out to students in waiting list pending capacity
- Assuming all students accept we will have a total of 150+ students in Cohorts 1-5 beginning fall 2020



AGENDA

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- Adjourn



- New cohort orientation – August 28th
- Where: Zoom online
- When: August 28th , 3 PM – 5 PM
- Who : All FTT-5 students, Faculty, Staff, Peer Mentors
- What: Overview of program, services, and expectations, Announcement of groups, Cohort student contracts, Open Forum- Q&A



AGENDA

- 2020-21 Peer Mentoring Program – Josefina

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Assignment of students Cohorts 1-5

- We had 134 students at the start of spring 2020 in Cohorts 1-4. 12 students graduated in spring 2020. Some students were dropped for failure to meet program requirements, switched majors, or DQ'd.
- As of now we have 113 returning students in Cohorts 1-4. We have recruited 35 students in Cohort 4
- The anticipated cohort size for fall 2020 is 150 students in Cohorts 1-5. We have 10 faculty mentors and the assignment is 15-16/faculty mentor
- With a few exceptions, most of the returning students from Cohorts 1, 2, 3, and 4 have been reassigned to the same faculty mentor.
- Updated cohort assignments with contact information is on Canvas. Canvas course site is set up with groups organized by faculty.
- The roster listing on the project website at www.ecs.csun.edu/aims2 will be updated shortly.



Cohort Roster (1 of 5)

Ali Amini		
Alireza	Bahmanabadi	T-2
Mehi	Miri	T-5
Ashley	Kuhnley	T-4
Sabrina	Motto	T-5
Elvis	Chino-Islas	F-3
Freddy	Nunez	F-1
Giovanni	Martinez	T-3
Gloria	Santamaria	T-4
Kimberly	Ortiz	F-3
Lavar	Watkins II	F-4
Luis	Rivera	F-2
Marian	Giron	T-3
Javier	Valle	T-5
Mario	Giron	T-5
Suzanne	Fisher	T-5
Sopuruchukwu	Udeh	F-2

Anwar Alroomi		
Alexis	Sierra	F-2
Leonard	Fitzpatrick	T-5
Oscar	Lopez Bahena	T-5
Cristian	Gutierrez	T-2
Debbie	Altamirano	T-4
Emmanuel	Ayala	T-3
Evelyn	Villalobos	T-4
Iris	Guerrero Morales	F-4
Jonathan	Salcedo-Manriquez	T-4
Juan	Espericueta	F-3
Luis	Flores	F-4
Mauricio	Rodriguez	T-3
Omar	Ponce	T-3
Ronaldo	Preciado	T-4
Teny	Shahjahanian	F-2



Cohort Roster (2 of 5)

Aram Khachatourians		
Armando	Briseno	F-2
Ashley	Frisch	F-4
Cristina	Rubalcava	T-4
Garabed	Simitian	F-3
Henry	Reed	F-2
Jason	Marroquin	F-4
Kareem	Asal	T-4
Kathleen	Molina	F-3
Lesly	Custodio	T-4
Levi	Velasquez	F-2
Adrian	Santamaria	T-5
Daniela	Sanchez	T-5
Heather	Reyes	T-5
Matthew	Awad	T-5
Matthew	Culajay	T-5

Behzad Bavarian		
Anthony	De Leon	T-4
Christopher	Villalpando	T-3
Daniel	Olvera	T-3
Emilio	Aguilar	T-4
Fatima	Serrato	F-3
Hanna (Ritc	Zelaya	F-1
Hugo	Garcia	T-4
Ismael	Pablo	T-2
Jayshawna	Jones	T-1
Meroujan	Bagdadian	T-5
Marcello	San Agustin	T-3
Jasmin	Ortiz	T-5
Stefany	Fuentes Melgar	T-5
Verania	Ceja Franco	F-2
Steve	Gonzalez	T-5



Cohort Roster (3 of 5)

Bingbing Li		
Abraham	Meiszner	T-4
Andy	Sanchez	F-3
Anthony	Vasquez	F-3
Christian	Mariscal	F-1
Eswin	Amaya	F-3
Andrew	Ramirez	T-5
Deion	Shallenberger	T-5
Jason	Kim	F-3
Gerardo	Baron Diaz	T-5
Randy	Herrera	T-5
Tomothy	Tran	T-5
Megan	Ngo	F-3
Noe	Diaz	T-4

Bruno Osorno		
Beatriz	Acuna	F-1
Caesar	Albizures	F-4
Albert	Rivas	T-5
Erica	Garcia	F-4
Fernando	Landeros	F-3
Cesar	Villa	T-5
Damien	Lopez	T-5
Hector	Mata	T-4
Faizan	Hussain	T-5
Jessirae	Bufford	T-5
John	Dizon	T-4
Jose	Cervantes	F-3
Joshua	Salas	F-4
Yolanda	Camarena	T-5
Samuel	Garza	T-3



Cohort Roster (4 of 5)

John Valdovinos		
Alan	Cruz	F-2
Armando	Herrera	F-2
Bryan	Lam	F-3
Alyssa	Tompkins-Webb	T-5
Francisco	Ramos	T-4
Jozsef	Feher	T-5
Kyle	Rietta	T-3
Nuelbella	Sandoval	F-3
Osmar	Estrada	T-3
Rhani	Kahn	F-3
Jessica	Frederich	T-5
Rojelio	Bejar	T-4
Luis	Ochoa	T-5
Maria	Zinkewich	T-5
Robert	Salone	T-5

Kyle Dewey		
Briana	Pimentel	F-3
Diego	Barreto	T-3
Eileen	Quiroz	F-2
Emmanuel	Galindo Cisneros	F-3
Fernando	Vargas	F-3
Isaiah	Martinez	F-3
Jennifer	Glover	T-4
Josue	Vega	T-3
Kavya	Manohar	F-2
Miguel	Hernandez	F-4
Mimi	Schirm	T-4
Rocio	Zavala	F-2
Samantha	Ramirez	F-4
Samuel	Ochoa	F-1
Victor	Pineda	T-3



Cohort Roster (5 of 5)

Ruting Jia		
Areesha	Hussain	F-4
Frank Joseph	Serdenia	T-4
George	Lopez	F-4
Jairo	Zelaya	T-4
Jake	Lyon	T-3
Joshua	Alvarado	F-4
Kaylee	Pham	T-4
Lousia	Manoael	T-4
Meyer	Millman	F-3
Miles	Rodas	F-4
Pedro	Moran	F-4
Simran	Gill	T-4
Tiffany-Ziba	Haghighi	F-3
Vicky	Ramirez Jauregui	T-4

Kay Hao		
Ezekiel	Castelo	T-5
Aaron	Palacios-Romero	T-3
Ariana	Oliva	T-5
Andrew	Langwald	F-2
Gerardo	Reyes	F-3
Peter	Messiha	F-3
Richard	Gomez	F-3
Roobina	Deravanesian	T-2
Alexander	Rivera	T-4
Elizabeth	Esquivel	T-4
Jennifer	De Avila	T-4
Kathleen	Lee	T-4
Richard	Rivas	T-4
Tracy	Albers	T-4



AIMS² – Bridging the Gap

Student Success Record

Current Semester: _____

Name: _____ Student ID#: _____

Major: _____

Academic Progress:

Total number of units completed toward the degree: _____

Number of units currently enrolled in: _____ Passing? _____ (C or better? Or?)

Number of units planned for next semester: _____

Number of units left until graduation: _____ Anticipated graduation date: _____

Notes: _____

Program Participation:

Weekly group meeting participation: _____

1:1 Meeting with Faculty Mentor: _____

Research: _____

Tutoring: _____

Advising: _____

Mentoring: _____

Peer Mentoring: _____

Plans for Next Semester:

Faculty Mentor printed name

Faculty Mentor Signature

Date

*AIMS² (HSI-STEM Grant)
2019-20 Mid-Year Progress Update*

1. Please report on the meetings with students in your assigned group. Provide specifics on each individual student, their progress, and challenges if any.

2. Please report on the status of your respective research projects. Provide specifics on the students involved (names), outcomes to date, and plans for fall 2019. For your reference the list of all your projects can be found online at http://www.ecs.csun.edu/aims2/research_internships.html



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- Adjourn



Status, Logistics, Next Steps

- **When** : September 15, 2020 – May 31, 2020
- **Projects proposed**: 9
- **Maximum hours/project**: 400 (Budget Maximum - \$ 6 K +benefit cost)
- **Faculty**: Bruno (1), Bingbing (1), Kay (1), John Valdovinos (1), Behzad (2), Kyle (3)
- **General guidelines** – Suggest no more than 3 students per project
- **Eligibility**: Cohort students from Cohorts 1-4 at CSUN in good standing, and partner campuses (need to be approved by CC liaison to apply)
- Abstracts posted on website (Aug 25). Student Selections due by Sep 8.
- Will schedule **mandatory orientation** prior to program kick off
- Templates for oral presentations to be shared w/students on Canvas.
- **Presentations will be scheduled for March 2021 online symposium**



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