



Welcome to AIMS²(HSI-STEM Grant)- Meeting # 89
Oct 08, 2020, 1 PM – 2:30 PM

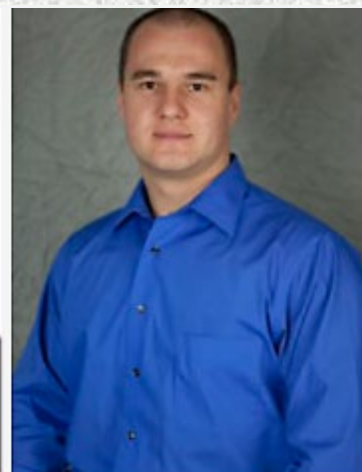




Carlos A Reyes



Rosanne Shirley Rogel



Aydzhan A Salim



Steven Sanchez



Elvis Siguenza



Paria Soroushi



Yassamah Monier Tarazkar



Benjamin Jasen Torres



Richard Alexandar Utreras



Walter Antonio Valle



AGENDA

- Welcome and Information Items – Ramesh
- Supplemental funding award (Supporting RA's/Mentors/Tutors) (received 09/25/20)
- National Podcast on AIMS2 – <http://cultivatingexcelencia.libsyn.com>
- Meetings calendar for fall 2020



ELECTRICAL AND COMPUTER ENGINEERING GRADUATE SCHOOL WORKSHOP FALL 2020

Join Dr. Yang to learn about graduate degree opportunities in the
field of Electrical and Computer Engineering at UCLA



Speaker Bio:

C.K. Ken Yang is the Chairman of ECE Department at UCLA and a Fellow of the IEEE. His research interests include high-performance VLSI design, digital and mixed-signal circuit design, high-performance data communications and networking. Dr. Yang holds a Ph.D. in Electrical Engineering from Stanford University



AIMS² via ZOOM
October 15th, 2020 @ 1:00PM-2:00PM

<https://csun.zoom.us/j/89688166068?pwd=a2dTRW1QM3gwRXczc1Jnbnh1Y3FYdz09>



Enhancing student success through undergraduate research, tutoring, and peer mentoring

Supplemental Proposal funded with \$ 100,936 award

- 1. Expand our virtual research program to increase the number of students who can participate in paid undergraduate research activities** (*Objective 5 from our original grant proposal: Develop research skills of Hispanic and low-income students in engineering and computer science.*)
- 2. Increase capacity for peer mentoring and tutoring - besides supporting the creation of online content to support students at CSUN and our partner CC's in the current virtual modalities.** (*Objective 1: Improve the academic achievement of Hispanic and low-income students in engineering and computer science fields.*)



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



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College of the Canyons

- **Weekly Check-ins with Students**
- **Weekly Professional Development Workshops/Presentations**
- **MESA Lab Skills Program** – interdisciplinary lab skills workshops and projects – peer teaching/learning
- **Virtual Conferences** – GMiS (15 students attending), SACNAS (8 students attending), SHPE (12 students attending)
- **ARCS Program** – approximately 15 students applied
- **NASA Minds** – Team applied





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- 2020-21 Peer Mentoring Program Update - Josefina

Action Items

- Workshop for partner community colleges – “Virtual” Lab Tour
- Fall 2020 – Spring 2021 Research Program*
- Reports from Faculty Mentors on initial cohort meetings**
- Assessment of Tutoring Needs for 2020-21 cohort
- Adjourn



2020-2021 Mentorships (1 of 3)

Diego Barreto	Lesly Custodio
	Emmanuel Ayala
	Osmar Estrada
	Cristina Rubalcava
Elvis Chino-Islas	Miguel Hernandez
	Jason Marroquin
	Evelyn Villalobos
	Peter Messiha
	Cesar Villa
	Eswin Amaya
Alan Cruz	Fatima Serrato
	Jose Cervantes
	Richard Gomez
	Stefany Fuentes
	Jasmin Ortiz

Marian Giron	Emilio Aguilar
	Rojelio Bejar
	Gloria Santamaria
	Hector Mata
	Jennifer Glover
	Mimi Schirm
	Javier Valle
Tiffany-Ziba Haghighi	Ashley Frisch
	Juan Espericueta
	Miles Rodas
	Shashi Wong
	Mauricio Rodriguez
	Heather Reyes
Jake Lyon	Frank Joseph Serdenia
	Richard Rivas
	Marcello San Agustin
	Albert Rivas



2020-2021 Mentorships (2 of 3)

Christian Mariscal	Daniel Olvera
	Nuelbella Sandoval
	Emmanuel Galindo Cisneros
	Pedro Moran
	Hugo Garcia
	Matthew Culajay
Meyer Millman	Rhani Kahn
	Ronaldo Preciado
	Lavar Watkins II
	Caesar Albizures
	Joshua Alvarado
	Deion Shallenberger
Aaron Palacios-Romero	Verania Ceja Franco
	Francisco Ramos
	Jairo Zelaya
	Kareem Asal
	Kiran Joshi
	Maria (Pili) Zinkewich

Eileen Quiroz	Erica Garcia
	Anthony Vasquez
	Andy Sanchez
	Samantha Ramirez
	Kaylee Pham
	Sabrina Motto
Garabed Simitian	Victor Pineda
	Luis Flores
	Giovanni Martinez
	Hana Zelaya
	Bryan Lam
	Robert Salone
Fernando Vargas	Joshua Salas
	Areesha Hussain
	Jonathan Salcedo
	Jason Kim
	Lousia Manoael
	Iris Guerrero Morales



2020-2021 Mentorships (3 of 3)

Eileen Quiroz	Erica Garcia
	Anthony Vasquez
	Andy Sanchez
	Samantha Ramirez
	Kaylee Pham
	Sabrina Motto
Garabed Simitian	Victor Pineda
	Luis Flores
	Giovanni Martinez
	Hana Zelaya
	Bryan Lam
	Robert Salone
Fernando Vargas	Joshua Salas
	Areesha Hussain
	Jonathan Salcedo
	Jason Kim
	Lousia Manoael
	Iris Guerrero Morales

Megan Ngo	Gerardo Baron Diaz
	Jessirae Bufford
	Jozsef Feher
	Oscar Lopez Bahena
	Damien Lopez
Kimberly Ortiz	Ezekiel Castelo
	Adrian Santamaria
	Jessica Frederich
	Steve Gonzalez
	Randy Herrera
	Matthew Awad
Marcello-Rodel Carlos	Noe Diaz
	Debbie Altamirano
	Christopher Villalpando
	Anthony de Leon
	Abraham Meiszner



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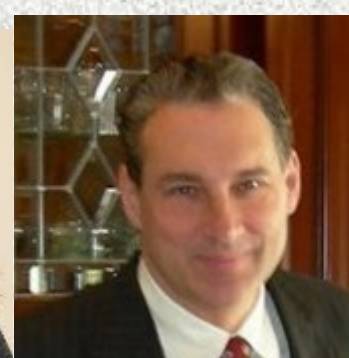
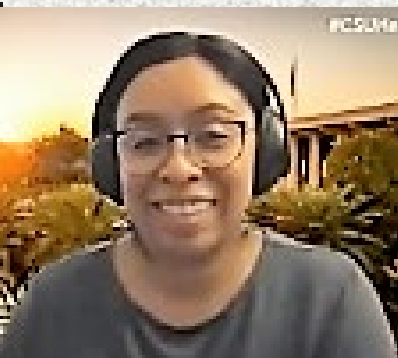
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The AIMS² Project - Attract, Inspire, Mentor, and Support Students Fall 2020 Research Program- Faculty/Staff Team





Fall 2020-Spring 2021 Research Program

Faculty Mentor	Project	Student Name	Maximum RA hours/week
Bingbing Li	Digital Twin and Metal Additive Manufacturing of Harley Davidson Engine CAM Support	Andrew Langwald	5
		Jason Kim	5
		Abraham Meiszner	5
John Valdovinos	Numerical Models of Magnetocardiogram Field Sensors	Ashley Kuhnley	3
		Samuel Garza	3
Bruno Osorno	Modeling and Simulation of Electric Vehicles-Solar Energy-Battery systems	John Dizon	3 hours - 5 hours
		Farouk Mostafa	3
		Lucia Castillo	
Behzad Bavarian and Lisa Reiner	Corrosion protection of Aluminum alloys used in Automotive Industries	Beatriz Acuna	5
		Emily Rossiter	
		Christopher Villalpando	3 hours - 5 hours
Behzad Bavarian and Lisa Reiner	Improving the durability of packaging materials using environmentally friendly vapor phase corrosion inhibitors		
Tzong-Ying(Kay) Hao	Analysis of Strong Ground Motions and its Application to Earthquake Early-Warning Systems	Luke Barella	3
		Alex Leong	5
		Jessica Perez	
Kyle Dewey	Sentiment Analysis of Tweets	Joshua Alvarado	3
		Fernando Vargas	3
		James Bentley	3
Kyle Dewey	Adding Features to the Proteus Programming Language	Marcello San Agustin	3
Kyle Dewey	Evaluating Test Suite Generation Techniques for Introductory Computer Science Assignments		



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Cohort Roster (1 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
Kelvin	Martinez	T-5

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



Cohort Roster (2 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 (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)

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 (5 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
Marleny	Lopez	T-5



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CSUN **AIMS2 »** **Program Information »** **Student Resources »** **Mentor Resources »** **Staff Resources »** **Announcements**

Jesus	Cruz	jesus.cruz.4@my.csun.edu	CHEM	Chem 100, 101, 102, 103, 104, 321, 333, 334
Dhivya	Pushpa	dhivyapushpa.meganathan.276@my.csun.edu	CHEM/PHYS	PHYS 100, 220, 225, 227, 420; MATH 102, 105, 150, 250, 262, and 280
Zaid	Abdalkarim	zaid.abdalkarim.498@my.csun.edu	CS	CS 110, COMP 182 and COMP 122
Ashley	Kuhnley	ashley.kuhnley.474@my.csun.edu	EE	ECE 240 and 320; MSE 227 and 304
Snehi	Pachchigar	snehi.pachchigar.813@my.csun.edu	CS	Comp. 110, 182, 222, 256, 282 122, 322, 310; MATH 105, 140, 150A, 310; CIT 384; ECE 240, 309, 320, 340; MSE 227, 302 and 304
Redhwan	Ahmed	redhwan.ahmed.359@my.csun.edu	CS	Comp. 110 and 182
Tracy	Albers	tracy.albers.97@my.csun.edu	CS	Comp. 380/L and Math 482
Gabriel	Gomez	gabriel.gomez.283@my.csun.edu	CE	ECE 320, ECE 450, Comp. 110 and 182 and MSE 304
Christian	Torres-Rodriguez	christian.torresrodriguez.599@my.csun.edu	ME	MATH 105, 150A/B, 250; PHYS 220B/L; ME 186/L, 209
Alice	Truong	alice.truong.599@my.csun.edu	ECE	ECE 206, ECE 240, ECE 280, ECE 440/L and ME 370
Luis	Rivera	luis.rivera.692@my.csun.edu	ECE	ECE 320, 350, 351, 420, 422, 425, 442, 455 and 526



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