

# Welcome to AIMS<sup>2</sup>(HSI-STEM Grant) Meeting # 69



1 PM – 3 PM  
Dec 13, 2018  
JD 1568



## *AGENDA*

- Welcome and Information Items – Ramesh
- Introductions
- Spring 2019 Meetings Calendar\*
- MPR Deadline for Dec 2018 – Jan 3rd
- Project Assessment and Evaluation – Nathan
- Review of Year 2 APR



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Doodle



### Meeting Times for Spring 2019

by Dr. S. K. Ramesh • 8 days ago • Print

	12:30 PM - 2:30 PM	1:00 PM - 3:00 PM	3:30 PM - 5:30 PM	2 PM - 4:00 PM	2:30 PM - 4:30 PM
17 participants	✓ 10	✓ 12	✓ 10	✓ 11	✓ 3
Enter your name					
☺ Bruno	✓	✓			
☺ Ali Amiri	✓	✓			
☺ Ruting jia	✓	✓	✓		
☺ Anwar Alroomi	✓	✓			
☺ Kyle Dewey				✓	✓
☺ Bingbing Li	✓	✓			
☺ Scarlet Relle	✓	✓	✓	✓	
☺ Behzad Bavarian				✓	
☺ Amy Koote		✓	✓	✓	
☺ Marisela Canela			✓	✓	
☺ Freddy Saucedo			✓	✓	
☺ Nathan Durciella	✓	✓			
☺ Beth Cheung	✓	✓	✓	✓	✓
☺ Izong-Ying Hao			✓	✓	
☺ Aram Khachatourians		✓	✓	✓	
☺ Jimmy Gandhi	✓	✓	✓	✓	
☺ Dr. S. K. Ramesh	✓	✓	✓	✓	✓

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## *Meeting Calendar for Fall 2018*

- *Jan 17, 2019*
- *Feb 28, 2019*
- *Mar 28, 2019*
- *Apr 25, 2019*
- *May 16, 2019*

Monthly meetings above are scheduled from 1 PM – 3 PM in JD 1568.

- \* **All Cohort Meeting in February (Loc./Date/Time TBA)**
- \* **All Cohort Meeting in April (Loc./Date/Time TBA)**



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- Project Activities – Updates from CC Project Partners
  - Moorpark College – Scarlet Relle
  - LA Pierce College – Elizabeth Cheung
  - Glendale Community College – Chris Herwerth, Scott Rubke, Marisela Canela, Freddy Saucedo
  - College of the Canyons – Amy Foote





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## *Update from Moorpark CC*

**November:** On November 2nd students participated in a field trip to Haas Automation. Location: Haas Automation, Inc. 2800 Sturgis Road, Oxnard CA 93030. On 11/16, students shared their Haas field trip experience and with the help of the designated counselor, Trevor Hess, they focused on a group exercise to make use of the major prep planning worksheets which were handed out to them by another counselor Raul Torres. Raul Torres also spoke to students about Internships. One of our AIMS students has secured an Internship with RAKAR Automation - a polymer fabrication company in Oxnard - they make parts for the defense industry. On Friday 11/30, students participated in a discussion of professional engineering associations, organizations, and societies. Additionally, students were given some guidelines and tools which they could use to learn more about job opportunities in their fields of interest and how they could join professional organizations. Also, as usual, tutoring and peer mentoring was on going during the entire month of November.



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## *Update from Pierce College*

1. Pierce College is planning STEM week events to include the following:
  - Wednesday February 20<sup>th</sup>, Meet and Greet with STEM transfer students
  - Thursday February 21<sup>st</sup>, Mingle with the STEM Professionals
  - Friday February 22<sup>nd</sup>, Field trip to CSUN's Engineering/Computer Science Department – Ingrid Martinez (our CGCA) has contacted Deazell to coordinate.
  - STEM-focused workshops during the week on resume writing, interviewing, applying for research and internships, transfer
1. Our CGCA has worked reduced hours this fall due to her graduate school commitments. We are working on hiring someone else to supplement the budgeted hours for the spring semester and to take over the position in Fall 2019.
2. We are offering Circuit Analysis, course number ENG GEN 220, for the first time this spring. It is articulated with CSUN's ECE 240/L. It is scheduled as follows:
  - Lecture: MW 12:45-2:10 pm
  - Lab: Fri 9:00 am – 12:10 pmPlease let interested students at CSUN and our CC partners know this class is available.
3. We are planning to fund tutors for Physics , Statics, and Engineering Graphics for the spring semester. Tutors have already been identified.



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## *Update from GCC*

- Ongoing tutoring sessions with AIMS funded tutor during Fall 2018 semester.
- Continuing recruitment activities
- One AIMS2 student attended SHPE National conference. Debriefing discussion held during follow up meeting.
- One former AIMS Alumni and one current AIMS Counselor attended SHPE National conference as a faculty advisor. (paid for with leveraged funds from other grant)
- AIMS student helped with a microcontroller LED lighting and soldering workshop for Architecture students and faculty



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## *Update from CoC*

- A.** Student Meeting – outlined meeting with networking skills, announcement of upcoming activities and presentations on and off campus. (14 students in attendance)
- B.** Tutoring in all STEM disciplines – Mathematics, Computer Science, Chemistry, Physics, Engineering and Biology (13 tutors and 14 faculty facilitate over 60 hours a week of tutoring)
- C.** Counseling – We have one part-time STEM Counselor that works 10 hours a week assisting our students in mapping the education plan to complete their degree to transfer to a four year university this summer. Our counselor on average sees about 10-12 students a week.





## *Update from CoC*

- A.** Professional Development - The following workshops were held in December:
- 1. Transfer to Excellence Internship information session – Students will learn about this internship opportunity at UC Berkeley. They will be able to ask questions on for the application and what is needed to get accepted. (13 students signed up)
- A.** Academic Excellence Workshops (AEW) have started and we are offering 6 AEW's and 3 Study Groups. AEW's are workshops that are facilitated and students are given extra practice problems each week pertaining to the topic of the week in their class. The facilitator works with the students' one on one to make sure they know how to do the problems and become proficient in the material .Study groups are the same without extra practice problems. We currently have the following workshops and study groups:
- 1. General Chemistry 1 – AEW 3 hours a week
  - 2. General Chemistry 2 – Study group 3 hours a week
  - 3. Calculus 1 – Study group 3 hours a week
  - 4. Calculus 2 – AEW 3 hours a week
  - 5. Calculus 3 – AEW 3 hours a week
  - 6. Linear – Study Group 3 hours a week
  - 7. Physics 220 Mechanics of Solids and Fluids – 3 hours a week
  - 8. Physics 221 Electricity and Magnetism – 3 hours a week



## *ACTION ITEMS*

- Peer Mentors / Tutors - Ramesh
- Plans for all cohort meetings in spring 2019\*\*
- Student Performance Data for fall 2018\*\*\* (Due January 9th)– Ramesh/Faculty Mentors
- Individual student performance data
- Group report
- Research projects for spring 2019
- Adjourn



## *Peer Mentors/Tutors*

- Presently have 20+ mentors including 15 paid peer mentors
- Workload and reassignment of mentees
- Stats and Intervention Flags
- Tutors for spring 2019



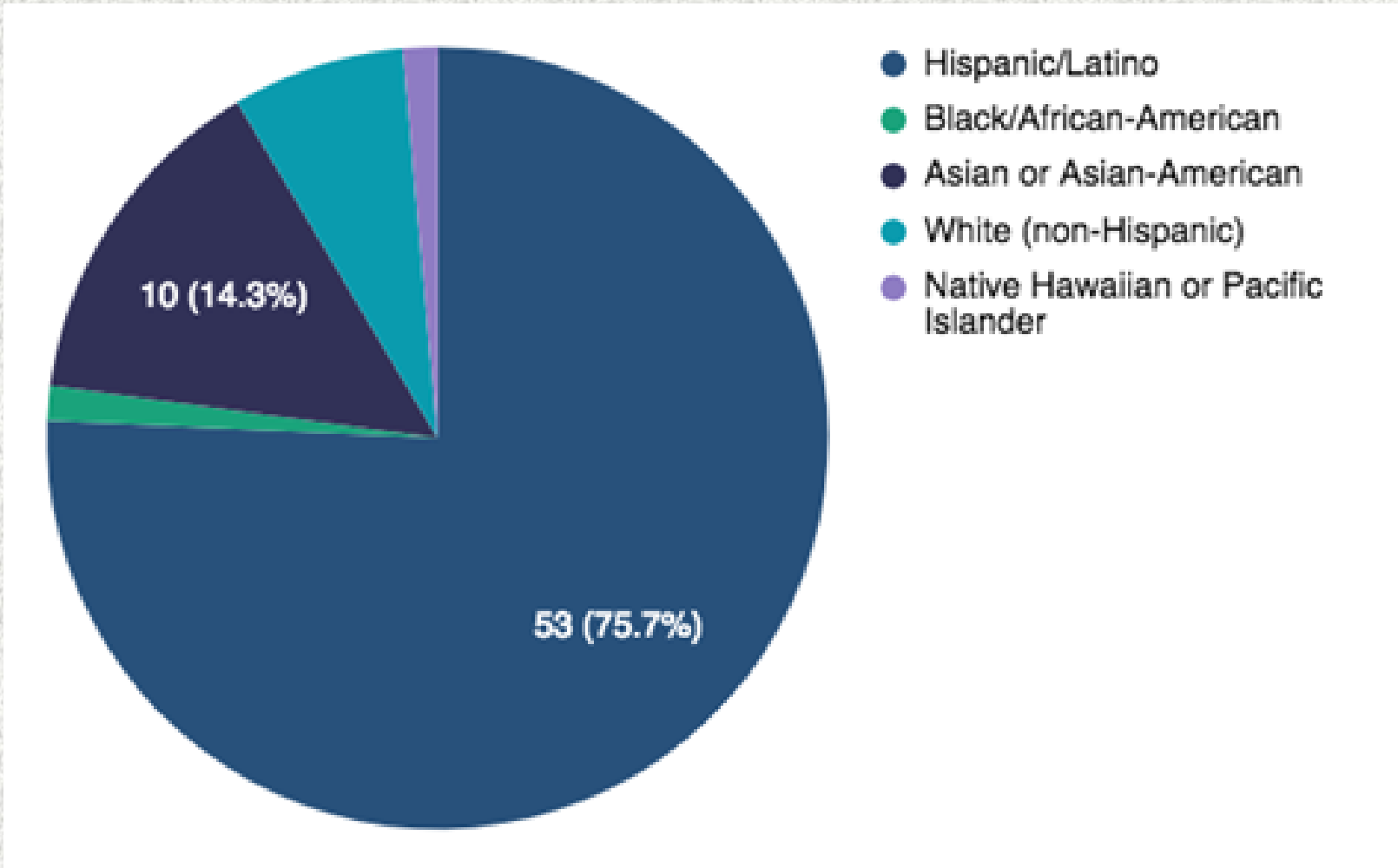
At a Glance...	
<b>Students</b> <ul style="list-style-type: none"><li>• 124 matched</li><li>• 403 conversations logged so far</li></ul>	<b>Mentors</b> <ul style="list-style-type: none"><li>• 19 completed training and matched</li></ul>

For status of each individual student, mentor, or mentorship pair, [click here](#).

### Goal Progress



# *Demographics of students matched*





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# *All Cohort Meetings in Spring 2019*

- Ideas for first meeting in February
  - Review program guidelines and expectations
  - Panel Discussion and Q & A
  - Panel of Faculty Mentors/ Peer Mentors
- Ideas for second meeting in April
  - Summer research projects
  - Resume writing workshop
  - Industry Panel

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AIMS<sup>2</sup> – 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:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Faculty Mentor Signature      Date

\_\_\_\_\_  
Faculty Mentor printed name



# ACTION ITEMS

*AIMS<sup>2</sup> (HSI-STEM Grant)  
 2018-19 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.

Name of Faculty Mentor                      Mid-Year Progress Update Fall 2018                      Dec 2018

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

Name of Faculty Mentor                      Mid-Year Progress Update Fall 2018                      Dec 2018



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# Fall 2018 – Spring 2019 Research Projects with CSUN Faculty Mentors

Department	Professor	Project Information
Civil Engineering and Construction Management	<a href="#">Dr. Anwar Alroomi</a>	Click <a href="#">here</a> for information.
Civil Engineering and Construction Management	<a href="#">Dr. Tzong-Ying Hao</a>	Click <a href="#">here</a> for information.
Computer Science	<a href="#">Dr. Kyle Dewey</a>	Click <a href="#">here</a> for information
Electrical and Computer Engineering	<a href="#">Dr. Ruting Jia</a>	Click <a href="#">here</a> for information.
Electrical and Computer Engineering	<a href="#">Dr. Bruno Osorno</a>	Click <a href="#">here</a> for information.
Electrical and Computer Engineering	<a href="#">Dr. John Valdovinos</a>	Click <a href="#">here</a> for information.
Manufacturing Systems Engineering and Management	<a href="#">Dr. Behzad Bavarian</a>	Click <a href="#">here</a> for information.
Manufacturing Systems Engineering and Management	<a href="#">Dr. BingBing Li</a>	Click <a href="#">here</a> for information.
Manufacturing Systems Engineering and Management	<a href="#">Dr. Durul Ulutan</a>	Click <a href="#">here</a> for information.
All Engineering Majors & Computer Science	<a href="#">Dr. S. Jimmy Gandhi</a>	Click <a href="#">here</a> for information



## *General guidelines*

- Typical # of students per faculty (2 or 3)
- Inform staff (Dezell/Cindy) so that students are signed in w/TuC prior to beginning work
- Carefully monitor hours (Typical: 5 – 6 hours /week; Max 10 hours/week) and ensure time sheets are submitted by the deadline
- Remind all students of requirements (Poster/Oral presentation) at Fall Research Symposium



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