Welcome to AIMS²(HSI-STEM Grant) Meeting # 62

1 PM – 3 PM
JD 1568
Mar 15, 2018
AGENDA

• Welcome and Information Items – Ramesh
  – Project ALLIES – Dr. Lorenzo Ramirez (Cal Lutheran)
  – Webinar series (USDE) – First Webinar on 03/21/18*
  – MPR Deadline for March 2018 – Apr 05
• Project Assessment and Evaluation – Nathan
• Project Activities – Updates from CC Project Partners
  – Moorpark College – Scarlet Relle
  – LA Pierce College – Elizabeth Cheung and Margaret Wessling
  – Glendale Community College – Chris Herwerth, Scott Rubke, Marisela Canela
  – College of the Canyons – Amy Foote
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Webinar Series

- Success with collaboration and leveraging of resources across departments, institutions, and communities
- Academic/Student Support Programs
- HSI Partnerships: Beyond the articulation agreement, what are you doing to cultivate a strong relationship that benefits the institution and the student?
- Peer mentorship programs at the faculty and/or student level
- Authentic Undergraduate Experience: A Program Director facilitated panel of students who discuss what an Authentic Research Experience looks like.
The U.S. Department of Education’s Hispanic-Serving Institutions Division will host a series of STEM-centric webinars. Please save the dates below and plan for lively discussions centered on improving student outcomes.

**Save the Date!!!**

- **Wednesday, March 21, 2018, 1 p.m. - 2 p.m. Eastern Time**  
  HSI Partnerships: Beyond the Articulation Agreement

- **Wednesday, April 4, 2018, 1 p.m. - 2 p.m. Eastern Time**  
  Academic and Student Support Programs

- **Monday, April 16, 2018, 1 p.m. - 2 p.m. Eastern Time**  
  Success with Collaboration and Leveraging of Resources Across Departments, Institutions, and Communities

- **Wednesday, May 2, 2018, 1 p.m. - 2 p.m. Eastern Time**  
  Peer Mentorship Programs for Faculty and Students

- **Wednesday, May 16, 2018, 1 p.m. - 2 p.m. Eastern Time**  
  HSI Partnerships: Beyond the Articulation Agreement

- **Wednesday, June 13, 2018, 1 p.m. - 2 p.m. Eastern Time**  
  Success with Collaboration and Leveraging of Resources Across Departments, Institutions, and Communities

**Presenter details and information on how to participate in the webinars are forthcoming. Dates and times of webinars are subject to change.**

If you are interested in presenting during this series, please contact Dr. Stacey Slijepcevic at stacey.slijepcevic@ed.gov or 202-453-6150.
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• Peer Mentors – Ramesh
  – Proposal to work w/Shearwater

• Machining workshop – Stacey and Ramesh

• Follow up w/ cohort students from fall 17** – Amini, Alroomi, Bavarian, Osorno, Boyajian, Gandhi, Valdovinos, Jia, Zirakian, Nandikolla

• Updates on research projects w/CSUN students – CSUN Faculty Mentors***
  – Status of sign-ups for spring 2018 research projects

• Summer 2018 workshop planning updates – Ramesh, Jimmy
From: Ramesh, S.K  
To: aims2list-c@lists.csun.edu  
Subject: Peer Mentors  
Date: Thursday, February 22, 2018 6:49:00 PM

Greetings

As discussed during our meeting this afternoon please feel free to share any thoughts/ideas/suggestions you may have with regards to Peer Mentors. If you can organize your thoughts under these categories it would be helpful:

Qualifications
Roles and Responsibilities
Selection of peer mentors
Implementation/Assessment

We will continue our discussions at our next meeting and finalize the process for selecting students to serve as peer mentors shortly thereafter.

Thanks

Ramesh

S. K. Ramesh, Ph.D., Fellow IEEE  
Director and Lead Principal Investigator AIMS² Program, &  
Professor of Electrical and Computer Engineering,  
College of Engineering and Computer Science  
California State University, Northridge  
CA 91330-8295  
Tel: 818-677-4742 Fax: 818-677-2140  
e-mail: s.ramesh@csun.edu  
URL: http://www.csun.edu/engineering-computer-science/ramesh
Peer Mentors

Qualifications

Roles and Responsibilities

Selection of peer mentors

Implementation/Assessment
RESILIENT STUDENTS MAKE RESILIENT INSTITUTIONS

SHEARWATER DEVELOPS TECH-ENABLED PROGRAMS THAT HELP INSTITUTIONS CLOSE THE OPPORTUNITY GAP, INCREASE ENROLLMENT, AND ENGAGE ALUMNI.

More than 50 partner institutions include:

- University of South Carolina
- PointPark University
- Tufts University
- Cal Poly Pomona
- Indiana University Bloomington
- University of Rochester
- The Athenian School
- University of California, Irvine
- Northeastern University
- Cal Poly Pomona

WE HELP INSTITUTIONS:

- Retain Students
- Scale Mentoring Initiatives
- Measure Outcomes

Our research-backed interventions can support the success of unique groups (e.g., first gen, low-income, online adult learners) or all enrolled students. High-touch mentoring initiatives can be incredibly resource intensive. We help our partners scale their existing programs to every student.

Shearwater partners with academic experts to quantify and assess outcomes while ensuring administrators have full transparency into their programs.

SEE THE RESEARCH   HOW IT WORKS   SUCCESS STORIES

“We and Shearwater quickly became a significant piece of our student success strategy by helping us deliver personalized and authentic support to our young men of color. I was thrilled to partner with such a mission-driven organization committed to the success of our students.”

— Dr. Byron Howell, Interim Associate VP and Dean of Students, Cal State Poly Pomona
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ACTION ITEMS

- Peer Mentors – Ramesh
  - Proposal to work w/Shearwater
- Machining workshop – Stacey and Ramesh
- Follow up w/ cohort students from fall 17** – Amini, Alroomi, Bavarian, Osorno, Boyajian, Gandhi, Valdovinos, Jia, Zirakian, Nandikolla
- Updates on research projects w/CSUN students – CSUN Faculty Mentors***
  - Status of sign-ups for spring 2018 research projects
- Summer 2018 workshop planning updates – Ramesh, Jimmy
| Dr. Anwar Alroumi       | Maria Hernandez (docs here)  
|                       | Alireza Bahmanabadi (docs here)  
|                       | Alexis Sierra (docs here)       |
| Dr. Tadeh Zirakian and Dr. David Boyajan | Sophia Ha (never signed in?)  
|                       | Andrew Langwald (started working this week)  |
| Dr. Yarab Pournaghshband | Aren Boghosian (consistently works 10 hours/week)  
|                       | Mario Garcia (just hired)       |
| Dr. Kyle Dewey         | Kavya Manohar (docs here)       |
| Dr. Rufing Jia         | Timothy Vallarta (hired 2.5.18) will be allowed 2 hrs/wk  
|                       | Anthony Ortiz (docs here)       |
|                       | Miguel Guerrero (just hired)    |
| Dr. Diego Correa       | Luis Landeres (docs here)       |
|                       | Samuel Ochoa (hasn't worked any hours since Sept, 2017)  
|                       | Joshua Galeno (just hired)      |
| Dr. Sembam Rengarajan | Simmarjot Kahlon, Maria Gonzalez, Andres Viera Torres, Neti? |
| Dr. John Valdivinos    | Ivan Garcia (hasn't worked any hours since Sept 2017)    |
| Dr. Behzad Bavarian   |                                           |
| Dr. Robert Conner     |                                           |
| Dr. S. Jimmy Gandhi   | Henry Reed (works @ 4 hours/wk)  
|                       | Carmynn Robles-Dilley (works 4-5 hours/wk)  
|                       | Supunuchukwu Udoh (hasn't worked any hours)  
|                       | Tery Shahlahanian (never signed in?)  
|                       | Jayshana Jones (works @10 hours/wk)       |
| Dr. Rongbing Li       | Kersten Malama (works @10 hours/wk)  
|                       | Sergio Anaro (hasn't worked any hours)     |
| Dr. Dural Uutun       |                                           |
| Dr. Victa Nardikolla  |                                           |
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- Summer 2018 workshop planning updates – Ramesh, Jimmy
# AIMS²

Attract Inspire Mentor and Support Students
Skills Workshop

**July-Aug 2018**

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## Freshmen Schedule

**Monday**
- 9:00 AM - 9:30 AM  
  Welcome Remarks
- 9:30 AM - 10:30 AM  
  Ice-Breakers (Cards to the Sky Exercise)
- 10:30 AM - 10:45 AM  
  Break
- 10:45 AM - 12:15 PM  
  What is Engineering? Careers in Engineering
- 12:15 PM - 1:15 PM  
  Lunch
- 1:15 PM - 2:00 PM  
  Growth Mindset
- 2:00 PM - 3:30 PM  
  Resources at CSUN
- 3:30 PM - 4:00 PM  
  Closing remarks for Day 1

**Tuesday**
- 9:00 AM - 12:00 PM  
  Campus Tour (including library and engineering labs)
- 12:00 PM - 1:00 PM  
  Lunch
- 1:00 PM - 2:15 PM  
  Team Building Skills
- 2:15 PM - 3:00 PM  
  Engineering Ethics
- 3:30 PM - 4:00 PM  
  Closing Remarks for Day 2

**Wednesday**
- 9:00 AM - 10:15 AM  
  Final Competition
- 10:15 AM - 10:30 AM  
  Students present their projects
- 10:30 AM - 10:45 AM  
  Break
- 10:45 AM - 11:00 AM  
  Competition Results Declared
- 11:00 AM - 11:15 AM  
  Recap of Lessons Learned
- 11:15 AM - 12:00 PM  
  Entrepreneurial Mind Learning
- 12:00 PM - 12:15 PM  
  How to stay connected in Year 1?
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<tr>
<td>9:00 AM - 9:30 AM Welcome Remarks</td>
<td>9:00 AM - 10:15 AM Resources Workshop</td>
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<td>9:30 AM - 10:15 AM Expectations when transferring from Community College to CSUN (Interactive activity)</td>
<td>10:15 AM - 10:30 AM Break</td>
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<tr>
<td>10:15 AM - 10:30 AM Break</td>
<td>10:30 AM - 11:15 AM Understanding Senior Design Projects</td>
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<tr>
<td>10:30 AM - 11:45 PM Team Building Skills</td>
<td>11:15 AM - 12:00 PM Understanding your DPR</td>
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<td>11:45 PM - 12:45 PM Lunch</td>
<td>12:00 PM - 1:00 PM Lunch</td>
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<tr>
<td>1:00 PM - 4:00 PM Campus Lab Tours</td>
<td>1:00 PM - 1:45 PM Requirements after transferring (majors/GE)</td>
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<td>1:45 PM - 3:00 PM Breakout to plan Fall Course Schedule/Surveys</td>
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AGENDA

- Meetings Calendar for Spring 2018
- Adjourn
Meeting Calendar for Spring 2018

- Jan 25, 2018
- Feb 22, 2018
- March 15, 2018
- April 12, 2018
- May 10, 2018
- June 07*, 2018

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

* Annual External Advisory Committee Luncheon and Meeting: 12 Noon – 3 PM (Location TBA)
AGENDA

- Meetings Calendar for Spring 2018
- Adjourn