Welcome to the 7th annual AIMS² (HSI-STEM Grant) External Advisory Committee Meeting
Disclaimer

• Supported by the AIMS² Program and funded by the United States Department of Education FY 2016 Title III, Part F, Hispanic-Serving Institutions (HSI) STEM and Articulation Program five-year grant, Award Number P031C160053, CFDA Number 84.031C.
• However, the contents of this presentation do not necessarily represent the policy of the US Department of Education, and you should not assume endorsement by the Federal Government.
AGENDA

• Luncheon

• Welcome and Introductions – External Advisory Committee

• Overview of grant

• Program News and Year 1 Activities (incl. CSUN) – Ramesh

• Glendale Community College – TBD

• College of the Canyons – Amy Foote

• Moorpark College – Scarlet Relle

• LA Pierce College – Elizabeth Cheung
AGENDA

- Luncheon
- Welcome and Introductions – External Advisory Committee
- Overview of grant
- Program News and Year 1 Activities (incl. CSUN) – Ramesh
- Glendale Community College – TBD
- College of the Canyons – Amy Foote
- Moorpark College – Scarlet Relle
- LA Pierce College – Elizabeth Cheung
AGENDA

- Luncheon
- Welcome and Introductions – External Advisory Committee
- Overview of grant
- Program News and Year 1 Activities (incl. CSUN) – Ramesh
- Glendale Community College – TBD
- College of the Canyons – Amy Foote
- Moorpark College – Scarlet Relle
- LA Pierce College – Elizabeth Cheung
Project Web Site

www.ecs.csun.edu/aims2
Some interesting facts FYI

• How many CSUN transfer students did we serve with the 2011 USDE grant?
• What was the percent of Hispanic students in the cohort?
• What was the average three year transfer graduation rate for Latino/a students in the cohort from CECS?
• What was the achievement gap (based on a 3 year transfer graduation rate) between better served and underserved students in CECS?
• The number of students served in the seven CSUN cohorts = 138
• The number of Latino/a students in the cohorts = 67 (49 %)
• The three year graduation rate for Latino/a students in the cohort= 47/67 (70%)
• The average achievement gap has been more than halved since the inception of the grant

<table>
<thead>
<tr>
<th>Year</th>
<th>Latino/a</th>
<th>White</th>
<th>Difference</th>
<th>Year</th>
<th>Latino/a</th>
<th>White</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 11</td>
<td>36.6</td>
<td>43.5</td>
<td>-6.9</td>
<td>Fall 10</td>
<td>37.2</td>
<td>39.7</td>
<td>-2.5</td>
</tr>
<tr>
<td>Fall 12</td>
<td>29.5</td>
<td>32.4</td>
<td>-2.9</td>
<td>Fall 09</td>
<td>31.6</td>
<td>33.9</td>
<td>-2.3</td>
</tr>
<tr>
<td>Fall 13</td>
<td>43.3</td>
<td>42.3</td>
<td>1</td>
<td>Fall 08</td>
<td>22.9</td>
<td>47.5</td>
<td>-24.6</td>
</tr>
<tr>
<td>Fall 14</td>
<td>33.9</td>
<td>45.4</td>
<td>-11.5</td>
<td>Fall 07</td>
<td>20.6</td>
<td>40.7</td>
<td>-20.1</td>
</tr>
</tbody>
</table>

|          | 35.825   | 40.9  | -5.075     |          | 28.075   | 40.45 | -12.375    |
Organization – Bridging the Gap: Enhancing AIMS² for Student Success
The AIMS² Project - $6 Million Grant from USDE (2016-21)
Attract, Inspire, Mentor, and Support Students

Faculty and Staff from CSUN and partner Colleges
Received Year 2 Funding for $1.19 Million

“Bridging the Gap: Enhancing the AIMS² Program for Student Success” - (2016-2021)

• Selected to receive funding under the HISPANIC-SERVING INSTITUTIONS PROGRAM (STEM) (84.031C). This grant was in the amount of $1,199,483.00 for the first budget period (10/01/2016 through 09/30/2017). It is anticipated that the grant will be for a total of 5 year(s).
To be eligible, STEM majors must be an individual who has faced or faces social, cultural educational or economic barriers to careers in STEM and be a US Citizen or Permanent Resident.

Application including Essay and Interview

Enroll and complete a minimum of 30 units/year and passing all courses with grades of C or better

All students eligible to receive $ 500 towards textbook awards every semester (fall/spring) upon meeting requirements

Selected students eligible to participate in paid UG research activities (30-32/year)

Tutors and Peer Mentors (Up to 10/year)
### Year 1 FTF cohort formed in spring 2017 (from FTF who entered in fall 2016)
- Year 1 FTT cohort formed in Jul 2017 (from eligible continuing students on 2011 grant)
- Year 2 FTF and Year 2 FTT cohorts formed in Aug-Sep 2017 (from FTF and FTT entering CSUN in fall 17)

<table>
<thead>
<tr>
<th>Column1</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
<th>Total funded over 5 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTF</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Running Totals</td>
<td>20</td>
<td>40</td>
<td>60</td>
<td>70</td>
<td>70</td>
<td>260</td>
</tr>
<tr>
<td>FTT</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Running Totals</td>
<td>30</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>30</td>
<td>240</td>
</tr>
<tr>
<td>Annual</td>
<td>50</td>
<td>100</td>
<td>120</td>
<td>130</td>
<td>100</td>
<td>500</td>
</tr>
</tbody>
</table>
AGENDA

• Luncheon
• Welcome and Introductions – External Advisory Committee
• Overview of grant
• Program News and Year 1 Activities (incl. CSUN) – Ramesh
• Glendale Community College – TBD
• College of the Canyons – Amy Foote
• Moorpark College – Scarlet Relle
• LA Pierce College – Elizabeth Cheung
Highlights from Year 2

• Served a total of 90+ students at CSUN and over 100+ students at partner CC’s
• Formal large group meetings for entire cohort (Orientation, Industry Panel, Resume writing workshop, Research Symposium)
• Launching Peer Mentoring program in partnership with Shearwater (Jul 1, 2018)
Highlights from Year 2 (continued)

- Invited presentation at USDE Project Directors meeting (Nov 2017)
- Invited to present USDE’s inaugural HSI-STEM webinar (Mar 2018)
- Faculty presentations at Moorpark seminar series (Spring 2018)
- Nominated for 2018 Excelencia award (Apr 2018)
Please join us for the

College of Engineering and Computer Science

AIMS² STUDENT RESEARCH SYMPOSIUM

Wednesday, October 4, 2017
3:30 - 6:30 p.m.
USU Northridge Center
California State University, Northridge
18111 Nordhoff Street
Northridge, CA 91330-8295
## Activity Schedule for AIMS2 Skills Workshop

(9.00a.m. to 3.00p.m.– except Friday)

<table>
<thead>
<tr>
<th>Day</th>
<th>Topics Covered</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Monday, June 19</strong></td>
<td>Ice Breakers, Growth Mindset, Tour of Campus &amp; Library, What is Engineering, Careers in Engineering, Resources at CSUN for student success</td>
</tr>
<tr>
<td><strong>Tuesday, June 20</strong></td>
<td>Soft skills to succeed in Engineering, Work Life Balance, LACI, Research Skills &amp; Class Preparation Methods</td>
</tr>
<tr>
<td><strong>Wednesday, June 21</strong></td>
<td>Team Building Skills, Systems Thinking, Holistic Understanding of Engineering Projects, Ethics in Engineering</td>
</tr>
<tr>
<td><strong>Thursday, June 22</strong></td>
<td>Visit to JPL</td>
</tr>
<tr>
<td><strong>Friday, June 23</strong></td>
<td>Final Competition, How to stay connected during 2017-18 school year, Closing Remarks, Student Feedback collected on a daily basis</td>
</tr>
</tbody>
</table>

(9.00a.m. to 1.00p.m. only)
Our First Time Freshmen had a lot of fun!

Images from June 2017 FTF Workshop
The AIMS² (HSI-STEM Grant)  
California State University, Northridge

S. K. Ramesh, Ph.D.  
Project Director and Lead PI of the HSI-STEM Grant

11/03/17  
EDC HSI STEM 2017 Project Directors Meeting

[Image of group photo]
AIMS² Panel Discussion
“Perspectives from Industry Leaders”

Johnson Auditorium,
October 13, 2017, 2 PM – 4 PM

Agenda
Welcome and Introductions: Dr. S. K. Ramesh, Project Director and Lead Principal Investigator.
Panelists:
Ms. Peggy Nelson, Vice-President, Northrop Grumman Aerospace Systems (retired)
Ms. Marieke Wheaton, General Manager, Systems Engineering Division, The Aerospace Corporation
Mr. Elias Rablaoivich, Vice President, Advanced Technology Information Management System (ATIMS)
Ms. Harjit Dhillion, Engineering Recruiter, Raytheon, Space & Airborne Systems (SAS)

Have you ever wondered about what it is like to work in industry?
Don’t miss this panel discussion with industry experts who will share their unique perspectives with you. Here are some of the questions that they will be addressing:

- What types of projects does your company work on?
- What is a typical work day like?
- What makes someone successful in your company?
- What advice would you give a person seeking work in your industry?

AIMS² Resume Writing Workshop
Johnson Auditorium, Jacaranda Hall,
Friday, December 8, 2017, 2 PM – 4 PM

Agenda
Welcome and introductions: Dr. S. K. Ramesh, Project Director and Lead Principal Investigator.
Dr. S. Jimmy Gandhi, Associate Professor, College of Engineering & Computer Science, AIMS² Faculty member and student advisor.
Dr. Susan Belgrad, Professor, College of Education, AIMS² Faculty member

Do you have your resume ready for applying for internships and jobs in the spring 2018 semester?

Don’t miss this opportunity to attend a workshop and be able to spruce up your resumes for the job hunting season in spring 2018.

Here are some of the questions that will be discussed:

- What does hunting for an internship or job entail?
- What is the role and importance of a good resume in finding a job?
- What makes a good resume?
- What do you include in a resume? What kind of soft skills do employers look for?
- How do you tie in volunteerism on your resume?
- If you are just starting out, how do you make your resume look good?
Panelists

Ramesh

Amy

Scott

Contact Information:
S. K. Ramesh  s.ramesh@csun.edu
Amy Foote  amy.foote@canyons.edu
Scott Rubke  srubke@Glendale.edu
USDE Mar 2018 Webinar agenda

• Introduction – Stacey Slijepcevic
• Overview of the AIMS² grant program – Ramesh
• Perspectives from Glendale CC – Scott Rubke
• Partnership with College of the Canyons – Amy Foote
• Student Outcomes and closing comments – Ramesh
• Q & A and discussion with Panelists
## Fall 2017 Cohort Performance Data

<table>
<thead>
<tr>
<th>Units completed in Fall 17</th>
<th>Number of successful students (GPA &gt; 2 in fall 2017)</th>
<th>Range of GPA's of successful students</th>
<th>Units expected to completed in 17-18</th>
<th>Number of students who did not meet requirements (GPA &lt; 2 in fall 17)</th>
<th>Remarks/Exceptions (GPA's of individual students)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 - 18</td>
<td>20</td>
<td>2.21 - 3.82</td>
<td>Over 30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 - 16</td>
<td>7</td>
<td>2.00 - 3.62</td>
<td>29</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 - 15</td>
<td>12</td>
<td>2.26 - 4.00</td>
<td>28</td>
<td>2</td>
<td>1.61, 1.65</td>
</tr>
<tr>
<td>11 - 13</td>
<td>8</td>
<td>2.06 - 3.37</td>
<td>27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 - 14</td>
<td>7</td>
<td>2.28 - 3.63</td>
<td>26</td>
<td>1</td>
<td>1.75</td>
</tr>
<tr>
<td>9 - 15</td>
<td>4</td>
<td>2.62 - 3.469</td>
<td>25</td>
<td>1</td>
<td>1.67</td>
</tr>
<tr>
<td>10 - 14</td>
<td>4</td>
<td>2.31 - 3.56</td>
<td>24</td>
<td>3</td>
<td>0.74, 1.94, 1.94</td>
</tr>
<tr>
<td>8 - 13</td>
<td>2</td>
<td>2.29 - 2.89</td>
<td>23</td>
<td>2</td>
<td>1.62, 1.09</td>
</tr>
<tr>
<td>6 - 9</td>
<td></td>
<td>22</td>
<td>2</td>
<td></td>
<td>1.5, 1.71</td>
</tr>
<tr>
<td>6 - 13</td>
<td>3</td>
<td>3.15 - 3.93</td>
<td>21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 - 8</td>
<td>1</td>
<td>2.48</td>
<td>20</td>
<td>2</td>
<td>0.69, 1.29</td>
</tr>
<tr>
<td>14</td>
<td>1</td>
<td>3.08</td>
<td>Not enrolled for S18</td>
<td>Passed Math 102 F17</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>1</td>
<td>2.76</td>
<td>Not enrolled for S18</td>
<td>All GE in F 17. Failed Math 150 B</td>
<td></td>
</tr>
<tr>
<td>7 - 11</td>
<td></td>
<td>19</td>
<td>2</td>
<td>0.84, 1.38</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>18</td>
<td>1</td>
<td>1.31</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>16</td>
<td>1</td>
<td>0.3</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>8</td>
<td>1</td>
<td>0.45</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>4</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>W</td>
<td></td>
<td></td>
<td>1</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>70</td>
<td>20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Student Performance (units passed) in fall 17**

<table>
<thead>
<tr>
<th>Units completed in Fall 17</th>
<th>Number of successful students (GPA &gt; 2 in fall 2017)</th>
<th>Range of GPA's of successful students</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 - 18</td>
<td>20</td>
<td>2.21 - 3.82</td>
</tr>
<tr>
<td>12 - 16</td>
<td>7</td>
<td>2.00 - 3.62</td>
</tr>
<tr>
<td>12 - 15</td>
<td>12</td>
<td>2.26 - 4.00</td>
</tr>
<tr>
<td>11 - 13</td>
<td>8</td>
<td>2.06 - 3.37</td>
</tr>
<tr>
<td>10 - 14</td>
<td>7</td>
<td>2.28 - 3.63</td>
</tr>
<tr>
<td>9 - 15</td>
<td>4</td>
<td>2.62 - 3.469</td>
</tr>
<tr>
<td>10 - 14</td>
<td>4</td>
<td>2.31 - 3.56</td>
</tr>
<tr>
<td>8 - 13</td>
<td>2</td>
<td>2.29 - 2.89</td>
</tr>
<tr>
<td>6 - 9</td>
<td></td>
<td>3.15 - 3.93</td>
</tr>
<tr>
<td>6 - 13</td>
<td>3</td>
<td>2.28 - 3.63</td>
</tr>
<tr>
<td>4 - 8</td>
<td>1</td>
<td>2.48</td>
</tr>
<tr>
<td>14</td>
<td>1</td>
<td>3.08</td>
</tr>
<tr>
<td>9</td>
<td>1</td>
<td>2.76</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Units completed in Fall 17</th>
<th>Number of students who did not meet requirements (GPA &lt; 2 in fall 17)</th>
<th>Remarks/Exceptions (GPA's of individual students)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 - 15</td>
<td>2</td>
<td>1.61, 1.65</td>
</tr>
<tr>
<td>10 - 14</td>
<td>1</td>
<td>1.75</td>
</tr>
<tr>
<td>9 - 15</td>
<td>1</td>
<td>1.67</td>
</tr>
<tr>
<td>10 - 14</td>
<td>3</td>
<td>0.74, 1.94, 1.94</td>
</tr>
<tr>
<td>8 - 13</td>
<td>2</td>
<td>1.62, 1.09</td>
</tr>
<tr>
<td>6 - 9</td>
<td>2</td>
<td>1.5, 1.71</td>
</tr>
<tr>
<td>4 - 8</td>
<td>2</td>
<td>0.69, 1.29</td>
</tr>
<tr>
<td>7 - 11</td>
<td>2</td>
<td>0.84, 1.38</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td>1.31</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>0.45</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>W</td>
<td>1</td>
<td>W</td>
</tr>
</tbody>
</table>
## Follow up Strategies

<table>
<thead>
<tr>
<th>Units completed in Fall 17</th>
<th>Number of students who did not meet requirements (GPA &lt; 2 in fall 17)</th>
<th>Remarks/Exceptions (GPA's of individual students)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 - 15</td>
<td>2</td>
<td>1.61, 1.65</td>
</tr>
<tr>
<td>10 - 14</td>
<td>1</td>
<td>1.75</td>
</tr>
<tr>
<td>9 - 15</td>
<td>1</td>
<td>1.67</td>
</tr>
<tr>
<td>10 - 14</td>
<td>3</td>
<td>0.74, 1.94, 1.94</td>
</tr>
<tr>
<td>8 - 13</td>
<td>2</td>
<td>1.62, 1.09</td>
</tr>
<tr>
<td>6 - 9</td>
<td>2</td>
<td>1.5, 1.71</td>
</tr>
<tr>
<td>4 - 8</td>
<td>2</td>
<td>0.69, 1.29</td>
</tr>
<tr>
<td>7 - 11</td>
<td>2</td>
<td>0.84, 1.38</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td>1.31</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>0.45</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>W</td>
<td>1</td>
<td>W</td>
</tr>
</tbody>
</table>

- All students received personal email from Stacey to meet with Cindy Cruz (graduation/retention specialist) to plan future coursework.
- Respective faculty mentors copied on email (and copies of fall 17 performance distributed at 01/25/18 meeting).
- Very important – Please monitor these students closely in spring 18 and support them the best you can.
AIMS (HSI-STEM Grant)
2017-18 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 spring 2018. 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)
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)
Number of units planned for next semester: __________
Number of units left until graduation: _________
Anticipated graduation date: __________

Project Participation:
Weekly group meeting participation: ___________________________
1:1 Meeting with Faculty Mentor: ____________________________
Research: ____________________________
Tutoring: ____________________________
Advising: ____________________________
Mentoring: ____________________________
Peer Mentoring: ____________________________

All AIMS Meetings:
☐ Orientation   ☐ Research Symposium   ☐ Industry Panel
☐ Resume Workshop   ☐ Community College Field Trip

__________________________________________  ________________________  __________
Student Signature  Faculty Mentor Signature  Date

Faculty Mentor printed name: ____________________________
Changes to requirements for program participants

• Reduce number of units that students need to successfully complete in an academic year from 30 to 24 (students will still be able to use the summer semester to meet academic year total units)

• Student needs to earn an overall GPA of 2.0 (C average) and pass all courses*

*Passing Grades in individual courses may vary depending on the course
Changes to requirements for program participants

- Subject to meeting the revised requirements and the other requirements in the contract students are now eligible to receive a bi-annual textbook award**.

** Award # 1 ($500) : Based on fall semester performance. Awarded prior to the beginning of the spring semester.
- Students who have successfully completed 12 units will receive the entire $500 award
- Students who have successfully completed 9-11 units will receive a partial award of $250 (and eligible to receive the remainder upon completion of academic year requirements)

Award # 2 ($500): Based on meeting Academic Year requirements
– Either at the end of the spring semester or summer semester as appropriate
Undergraduate Research Participation

• Based on fall 17 student performance we had a total of 42 students who successfully completed 12 units or more with a GPA > 2.0

• Three students successfully completed 11 units each with GPA’s of 3.29, 2.73, and 2.31 respectively

• Propose to extend invitations to these 45 students to participate in research projects (which would be approximately 50 % of the students in the cohort)
Excelencia Nomination for 2018
Over 280 programs honored since 2005

Sent: Friday, April 20, 2018 5:28 PM
Subject: Thanks for sharing Attract, Inspire, Mentor, and Support Students - The AIMS2 Program's story!

Thank you for submitting Attract, Inspire, Mentor, and Support Students - The AIMS2 Program's profile! We look forward to learning more about your program and how it accelerates Latino student success in California.

Your profile is now included in the Examples of Excelencia review and selection process. At this time Excelencia staff will review all submitted profiles and select a set of finalists. Finalists will be announced via our website and social media accounts in the fall. Profiles of the selected finalists will be sent to an external selection committee for review. This selection committee will select one program from each of the four categories to be recognized as the Examples of Excelencia.

If you have any questions, please do not hesitate to contact Andres Quintanilla, Program Manager, at Examples@EdExcelencia.org or 202-785-7350 x1104
Meeting Calendar for Fall 2018

- Aug 16, 2018
- Sep 20, 2018
- Oct 18, 2018
- Nov 08, 2018
- Dec 13, 2018

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

* AIMS² Orientation Aug 31, 2018 (ExL Commons) 2-4 PM
* Research Symposium Sep 11, 2018 (Grand Salon) 3-7 PM
About Shearwater

Over 50 partner institutions

Background: Shearwater partners with institutions to deliver tech-enabled mentorship programs aimed at driving student success and persistence.

Mission: Shearwater believes that every student, regardless of means or origin, should have access to a caring and supportive mentor.

Founded in 2013 and
The AIMS² Program will partner with Shearwater, to deliver a mentoring program that fosters sense of belonging and increases retention and degree completion.

Process overview

1. Setup
2. Launch
3. Manage
4. Assess

The following 4 pages provide an overview of program operations...
### Shearwater Team

#### Responsibilities

- **Shearwater team schedules a program kick-off meeting; discussion covers:**
  - *Introduction to Shearwater*
  - *Introduction to AIMS² dedicated point-person*
  - *All components of program operations*
  - *Measures of program’s success*
  - *Proposed timeline and next steps*

  - **1 hour** from all relevant stakeholders

- **Software**
  - Shearwater engineering team launches your branded online platform
  - Shearwater team provides login credentials to relevant administrators

- **Curriculum**
  - Shearwater schedules video conference to walk through relevant curriculum modules and scope customizations as necessary

- **Marketing materials**
  - Shearwater’s design team provides school branded materials to educate students and prospective mentors about the program

  - **30 minute** break-out session with point-person for curriculum selection
  - Sign off on marketing materials created by Shearwater team
### Shearwater Team Responsibilities

#### Phase #2: Launch

- **Mentor recruitment**
  - Shearwater provides templates and runs school-branded email and SMS campaigns soliciting mentor volunteers. All campaigns include series of videos explaining the mentor role.
  - Shearwater provides regular updates on mentor capacity.

- **Mentee onboarding**
  - Shearwater provides templates and runs school-branded email and SMS campaigns encouraging students to register to be mentored.
  - All student sign-ups are visible through your dashboard.

  **Note:** All components of Shearwater programs are FERPA-compliant.

- **AIMS2 provides**
  - Shearwater with contact list of relevant students and mentors (using a combination of paid mentors and AIMS2 alumni)

- **AIMS2 point-person**
  - Sends out template email to mentors and students (30 minutes)

- **Nothing required.**

#### Onboarding and recruitment

- **Screening and training**
  - Mentors and mentees watch onboarding videos, sign a Code of Conduct, and complete a pre-match quiz setting expectations for the program.
  - Prior to match, all mentors sign up for rolling training webinars, where they meet other mentors and learn best practices.
    - Each training session lasts between 30-60 minutes
### Shearwater Team

**Responsibilities**

<table>
<thead>
<tr>
<th>Phase #3: Manage</th>
<th></th>
</tr>
</thead>
</table>
| **Matching**     | ❑ During onboarding, all mentors and mentees complete a 5-10 minute online matching questionnaire, which captures:  
                  • **Mentors**: background, capabilities, interests, languages, etc.  
                  • **Students**: desired mentor profile *  
                  ❑ **KEY FINDING**: Mentees need to be given agency over the matching process for the mentorship relationship to be successful.  
                  ❑ Nothing required.  |
|                  | ❑ **Curriculum**: Once matched, mentors and mentees have full access to a library of Discussion Guides shared across the Shearwater network.  
                  ❑ **Feedback surveys**: After each session mentors and mentees are prompted to complete a 30 second feedback survey, providing you the administrator with insight into individual student’s experience within the AIMS² program.  
                  ❑ **Tracking**: Program data gathered is available to CSUN and AIMS² administrators and is provided in periodic email updates and on the administrator dashboard.  
                  ❑ **Risk-flagging**: When mentors flag individual mentee risks, the Shearwater team will immediately notify the relevant point-person at AIMS².  
                  ❑ Monitoring program and corresponding with Shearwater team (~1 hour/week) |

---

06/07/18  
AIMS(HSI-STEM Grant)  
Meeting # 65
Phase #4: Assess

**Program review**

- After 3-4 months of program operations, the Shearwater team may schedule an initial program review with relevant AIMS² administrators.
- During the program review, the Shearwater team will share initial trends and engage AIMS² in a dialogue around program success.

**Example data shared:**
- What questions are students asking their mentor?
- What goals are mentors helping their students set?
- Quantitative data around students’ acclimation over time

**Evaluate and improve program**

- Upon program completion, Shearwater will work with AIMS² program administrators analyze program success through a variety of means:
  - Pre- and post-program assessments
  - Holistic review of student feedback and engagement data incorporating existing survey instruments used for evaluating outcomes for AIMS²
- Pending satisfactory program outcomes, Shearwater and AIMS² will discuss program improvements (e.g., new curriculum modules) and potential expansion opportunities.

**Shearwater Team**

**Responsibilities**

- Attend 1 hour program review, either in person or via video conference.
- Coordinate meetings with Shearwater Partnership Success team as needed.
## Freshmen Students Workshop Schedule

### Monday
- **9:00 AM - 9:30 AM** Welcome Remarks
- **9:30 AM - 10:30 AM** Ice Breakers
  - Cards to the Sky Exercise
  - 15-Minute 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 - 3:00 PM** Resources At CSUN
- **3:30 PM - 4:00 PM** Closing Remarks for Day 1
  - Filling Out Surveys

### 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
  - 15-Minute Break
- **2:30 PM - 3:30 PM** Engineering Ethics
- **3:30 PM - 4:00 PM** Closing Remarks for Day 2
  - Filling Out Surveys

### Wednesday
- **9:00 AM - 10:15 AM** Final Competition
- **10:15 AM - 10:30 AM** Students Present Their Project
  - 15-Minute 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 Minded Learning
  - How To Stay Connected In Year 1?
  - Lunch/Survey
- **12:15 PM - 2:00 PM** Focus Groups
### Thursday

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM – 9:30 AM</td>
<td>Welcome Remarks</td>
</tr>
<tr>
<td>9:30 AM – 10:15 AM</td>
<td>Expectations When Transferring From Community College To CSUN (Interactive Activity)</td>
</tr>
<tr>
<td>10:30 AM – 11:45 AM</td>
<td>Team Building Skills</td>
</tr>
<tr>
<td>11:45 AM – 12:45 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00 PM – 4:00 PM</td>
<td>Campus Lab Tour</td>
</tr>
</tbody>
</table>

### Friday

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM – 10:15 AM</td>
<td>Resources Workshop</td>
</tr>
<tr>
<td>10:30 AM – 11:15 AM</td>
<td>Understanding Senior Design Projects</td>
</tr>
<tr>
<td>11:15 AM – 12:00 PM</td>
<td>Understanding Your DPR</td>
</tr>
<tr>
<td>12:00 PM – 1:00 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00 PM – 1:45 PM</td>
<td>Requirements After Transferring (Majors/GE)</td>
</tr>
<tr>
<td>1:45 PM – 2:00 PM</td>
<td>Surveys</td>
</tr>
<tr>
<td>2:00 PM – 3:00 PM</td>
<td>Breakout To Plan Fall Course Schedule</td>
</tr>
<tr>
<td>3:00 PM – 4:00 PM</td>
<td>Focus Groups</td>
</tr>
</tbody>
</table>
AGENDA

• Luncheon
• Welcome and Introductions – External Advisory Committee
• Overview of grant
• Program News and Year 1 Activities (incl. CSUN) – Ramesh

• Glendale Community College – TBD
• College of the Canyons – Amy Foote
• Moorpark College – Scarlet Relle
• LA Pierce College – Elizabeth Cheung
AGENDA

• Luncheon
• Welcome and Introductions – External Advisory Committee
• Overview of grant
• Program News and Year 1 Activities (incl. CSUN) – Ramesh
• Glendale Community College – TBD
• College of the Canyons – Amy Foote
• Moorpark College – Scarlet Relle
• LA Pierce College – Elizabeth Cheung
AGENDA

• Luncheon
• Welcome and Introductions – External Advisory Committee
• Overview of grant
• Program News and Year 1 Activities (incl. CSUN) – Ramesh
• Glendale Community College – TBD
• College of the Canyons – Amy Foote
• Moorpark College – Scarlet Relle
• LA Pierce College – Elizabeth Cheung
AGENDA

• Luncheon
• Welcome and Introductions – External Advisory Committee
• Overview of grant
• Program News and Year 1 Activities (incl. CSUN) – Ramesh
• Glendale Community College – TBD
• College of the Canyons – Amy Foote
• Moorpark College – Scarlet Relle
• LA Pierce College – Elizabeth Cheung
AGENDA

- Project Evaluation and Progress to date – Nathan Durdella
- Feedback and Discussion - External Advisory Committee
- Adjourn
AGENDA

- Project Evaluation and Progress to date – Nathan Durdella
- Feedback and Discussion - External Advisory Committee
- Adjourn
AGENDA

• Project Evaluation and Progress to date – Nathan Durdella
• Feedback and Discussion - External Advisory Committee
• Adjourn