Welcome to AIMS² (HSI-STEM Grant) Meeting # 53
AGENDA

- Welcome and review of project goals – Ramesh
- Project Assessment and Evaluation – Nathan
- Request for Monthly Progress Reports from USDE* – Ramesh
- Sub-award budgets and invoicing – Ramesh and Shanell
Goals and Objectives

- Improve the academic achievement of Hispanic and low-income students in engineering and computer science fields.
- Enhance faculty and peer environments for Hispanic and low-income students in engineering and computer science fields.
- Improve the transfer of Hispanic and low-income students in engineering and computer science fields to baccalaureate-granting institutions.
- Improve career preparation of Hispanic and low-income students in engineering and computer science fields.
- Develop research skills of Hispanic and low-income students in engineering and computer science.
- Increase baccalaureate degree completion of Hispanic and low-income students in engineering and computer science fields.
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MONTH/FY} Monthly Project Update

Institution Name: ___________________________   PR Award #: __________________
Project Title: ______________________________________________________________
Project Director: ____________________________________________________________
PD Phone: ___________________________         PD Email: ________________________

1. Current activity/Progress/Successes/Expectations for the month.

2. Any challenges/Issues to report?

3. Additional comments:
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**Sub-awards and invoicing**

USDE HSI-STEM Project Budget Detail - 2016-2021

<table>
<thead>
<tr>
<th>Section H: Other</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
<th>Cumulative</th>
<th>Account Code</th>
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<td>Hispanic student Books</td>
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<td>$25,000</td>
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<td>$25,000</td>
<td>$125,000</td>
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<td>(50 CSUN students @ $ 500 each/year)</td>
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<td>Subcontract-COC</td>
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<td>Subcontract-Pierce</td>
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<td>$49,940</td>
<td>$49,940</td>
<td>$49,940</td>
<td>$249,700</td>
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<td>Subcontract-Moorpark</td>
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<tr>
<td>CSU System Wide Evaluation</td>
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<td>$20,000</td>
<td>$20,000</td>
<td>$20,000</td>
<td>$20,000</td>
<td>$100,000</td>
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<tr>
<td><strong>Subtotal Other:</strong></td>
<td><strong>$254,960</strong></td>
<td><strong>$254,960</strong></td>
<td><strong>$254,960</strong></td>
<td><strong>$254,960</strong></td>
<td><strong>$254,960</strong></td>
<td><strong>$1,274,800</strong></td>
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</tbody>
</table>

- Year 1 Invoices on new grant (# 4853) need to be processed prior to 09/30/17
- Year 6 Invoices from GCC and CoC (no-cost extension # 4665) need to be processed by 09/30/17
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• Summer 17 activities update
• Summer Research Projects for Cohort Students – Faculty Mentors
  • Status of sign ups to date
  • Deliverables
  • Fall Research Symposium
• Early STEM (FTF) Math workshops – Bob Ryan
• Study Skills/Orientation workshop – Jimmy Gandhi
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<thead>
<tr>
<th>Department</th>
<th>Professor</th>
<th>Project Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civil Engineering and Construction Management</td>
<td>Dr. Anwar Alnomi and Dr. Tzong-Ying Hao</td>
<td>Click here for information.</td>
</tr>
<tr>
<td>Civil Engineering and Construction Management</td>
<td>Dr. Tadeh Zirakian and Dr. David Boyajian</td>
<td>Click here for information.</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Dr. Vahab Pourmehshahb</td>
<td>Click here for information.</td>
</tr>
<tr>
<td>Electrical and Computer Engineering</td>
<td>Dr. Rubong Jia</td>
<td>Click here for information.</td>
</tr>
<tr>
<td>Electrical and Computer Engineering</td>
<td>Dr. Bruno Osorno</td>
<td>Click here for information.</td>
</tr>
<tr>
<td>Electrical and Computer Engineering</td>
<td>Dr. John Valdivinos</td>
<td>Click here for information.</td>
</tr>
<tr>
<td>Manufacturing Systems Engineering and Management</td>
<td>Dr. Behzad Bavarian</td>
<td>Click here for information.</td>
</tr>
<tr>
<td>Manufacturing Systems Engineering and Management</td>
<td>Dr. S. Jimmy Gandhi</td>
<td>Click here for information.</td>
</tr>
<tr>
<td>Manufacturing Systems Engineering and Management</td>
<td>Dr. Bingbing Li</td>
<td>Click here for information.</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>Dr. Vidya Nandikolla</td>
<td>Click here for information.</td>
</tr>
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</table>

U.S. Department of Energy, Office of Environmental Management: Minority Serving Institutions Partnership Program Internships
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FTF Math Workshops (Summer 17)

- Goal is to support and accelerate students’ progress through Math sequence/strengthen Math background.
- MSA for all FTF students
- Placement in Math 102 determined by ELM test performance
- Course is online. Weekly 3 hour labs with tutoring support
- Improve student retention and ultimately graduation rates for CECS Majors
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Coming up with a plan for YOUR SUCCESS

• What is engineering?
• Team – Building skills
• Soft Skills necessary for engineers
• Ethics in Engineering
• Learning strategies and studying
• Class Preparation & Research Skills
• Work Life Balance
• Identifying the resources you need to succeed at CSUN
Other incentives 😊

- Free lunch will be provided everyday
- Certificates of completion will be handed out at the end of the workshop on Friday
- Tour of NASA – JPL
- $20 Matamoney card for each student who attends and completes the workshop
AIMS2 Skills Workshop Contact Person

S. Jimmy Gandhi, PhD,
Assistant Professor,
Department of Manufacturing Systems Engineering & Management,
Director, Ernie Schaffer Center for Innovation & Entrepreneurship,
College of Engineering & Computer Science,
California State University, Northridge
18111 Nordhoff Street, Northridge, CA 91330.
Tel: +1 (818) 677-6157
Email: sj.gandhi@csun.edu
Additional Faculty Members Involved in the AIMS2 Skills Workshop

- Behzad Bavarian
- BingBing Li
- Bruno Osorno
- Ruting Jia
- Anwar Alroomi
- Vidya Nandikolla
- Susan Belgrad
- Nathan Durdella
## 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>
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<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 will be collected on a daily basis</td>
</tr>
</tbody>
</table>

Student Feedback will be collected on a daily basis.
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• Updates on Project Activities**
• Pierce College – Margaret Wessling and Elizabeth Cheung
• Moorpark College – Scarlet Relle
• CSUN –
• Cohort 1 Status/ Recruitment Plans for first FTT and second FTF Cohorts: Bob Ryan and Stacey Schaaf
• MATH 150A/L Pilot: Kellie Evans and Gini Vandergon
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<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>
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<td>FTT</td>
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<tr>
<td>Running Totals</td>
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<td>120</td>
<td>130</td>
<td>100</td>
<td>500</td>
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</tbody>
</table>

- Year 1 FTF cohort has been formed in spring 2017
- Invitations were sent to eligible FTF who joined the college in fall 16.
- Year 1 FTT and Year 2 FTF cohort to be formed in fall 2017
- Invitations will be sent to eligible FTT who joined in 16-17 (fall 16, spring 17, fall 17) and all eligible FTT who joined in spring 17/fall 17.
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• Glendale Community College – Jan Swinton, Scott Rubke, and Marisela Canela

• College of the Canyons – Amy Foote and David Martinez
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Meeting Calendar for Spring 2017

- Jan 19, 2017*
- Feb 23, 2017*
- Mar 16, 2017*
- April 20, 2017*
- May 18, 2017*

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

- June 15, 2017**

**External Advisory Committee Annual Meeting – Year 1 – Orange Grove Bistro: 12 Noon – 3 PM (luncheon followed by meeting)
AGENDA

- Plans for External Advisory Board Meeting (June 15) – All
- Adjourn
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• Adjourn