

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



*JD 1568
May 18, 2017*



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

| | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Cumulative | Account Code |
|---|------------------|------------------|------------------|------------------|------------------|--------------------|--------------|
| Section H: Other | | | | | | | |
| Hispanic student Books (50 CSUN students @ \$ 500 each/year) | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$125,000 | 680110 |
| Subcontract -SGS | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$10,000 | \$50,000 | 625710 |
| Subcontract-GCC | \$50,020 | \$50,020 | \$50,020 | \$50,020 | \$50,020 | \$250,100 | 625710 |
| Subcontract-COC | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$250,000 | 625710 |
| Subcontract-Pierce | \$49,940 | \$49,940 | \$49,940 | \$49,940 | \$49,940 | \$249,700 | 625710 |
| Subcontract-Moorpark | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$250,000 | 625710 |
| CSU System Wide Evaluation | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$20,000 | \$100,000 | |
| Subtotal Other: | \$254,960 | \$254,960 | \$254,960 | \$254,960 | \$254,960 | \$1,274,800 | |

- 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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http://www.ecs.csun.edu/aims2/research_internships.html

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Summer 2017 Research Projects with CSUN Faculty Mentors

| Department | Professor | Project Information |
|--|---|---|
| Civil Engineering and Construction Management | Dr. Anwar Alroomi and Dr. Tzong-Ying Hao | Click here for information. |
| Civil Engineering and Construction Management | Dr. Tadeh Zirakian and Dr. David Boyajian | Click here for information. |
| Computer Science | Dr. Vahab Pournaghshband | Click here for information. |
| Electrical and Computer Engineering | Dr. Ruting Jia | Click here for information. |
| Electrical and Computer Engineering | Dr. Bruno Osorno | Click here for information. |
| Electrical and Computer Engineering | Dr. John Valdovinos | Click here for information. |
| Manufacturing Systems Engineering and Management | Dr. Behzad Bavarian | Click here for information. |
| Manufacturing Systems Engineering and Management | Dr. S. Jimmy Gandhi | Click here for information. |
| Manufacturing Systems Engineering and Management | Dr. Bingbing Li | Click here for information. |
| Mechanical Engineering | Dr. Vidya Nandikolla | Click here for information. |

U.S. Department of Energy, Office of Environmental Management: Minority Serving Institutions Partnership Program Internships

Quick Links

Windows Taskbar: Internet Explorer, VLC, Google Chrome, File Explorer, Outlook

System Tray: 11:35 PM 5/9/2017



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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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CALIFORNIA STATE UNIVERSITY, NORTHBRIDGE PRESENTS



2017



AIMS²

Attract Inspire Mentor and Support Students

SKILLS WORKSHOP

June 19 – 23, 2017



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)

| Day | Topics Covered |
|---|--|
| Monday, June 19 | Ice Breakers, Growth Mindset, Tour of Campus & Library, What is Engineering, Careers in Engineering, Resources at CSUN for student success |
| Tuesday, June 20 | Soft skills to succeed in Engineering, Work Life Balance, LACI, Research Skills & Class Preparation Methods |
| Wednesday, June 21 | Team Building Skills, Systems Thinking, Holistic Understanding of Engineering Projects, Ethics in Engineering |
| Thursday, June 22 | Visit to JPL |
| Friday, June 23 (9.00a.m. to 1.00p.m. only) | Final Competition, How to stay connected during 2017-18 school year, Closing Remarks, |

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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| Column1 | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Total funded over 5 Years |
|-----------------------|-----------|------------|------------|------------|------------|---------------------------|
| FTF | 20 | 20 | 20 | 10 | | |
| Running Totals | 20 | 40 | 60 | 70 | 70 | 260 |
| | | | | | | |
| FTT | 30 | 30 | 30 | 30 | | |
| Running Totals | 30 | 60 | 60 | 60 | 30 | 240 |
| | | | | | | |
| Annual | 50 | 100 | 120 | 130 | 100 | 500 |

- 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)**



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



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