



Welcome to AIMS²(HSI-STEM Grant) Meeting # 103

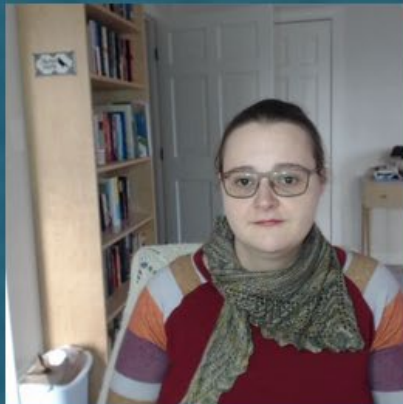


HSI STEM Grant Program

KNC2022

2022 KEEN National Conference

Powered by Whova



February 10, 2022, 1 PM – 2:00 PM



AGENDA

- **Welcome and Information Items – Ramesh**
 - Meetings Calendar – Spring 2022
 - Year 5 APR Update - Ramesh
- Project Assessment and Evaluation (Year 6) – Nathan Durdella
- AIMS² Excelencia Student Award Nominations – Ramesh

ENTREPRENEURIAL MINDSET

Engineers With an Entrepreneurial Mindset Transform the World

THE 3C's



CURIOSITY

In a world of accelerating change, today's solutions are often obsolete tomorrow. Since discoveries are made by the curious, we must empower our students to investigate a rapidly changing world with an insatiable curiosity.



CONNECTIONS

Discoveries, however, are not enough. Information only yields insight when connected with other information. We must teach our students to habitually pursue knowledge and integrate it with their own discoveries to reveal innovative solutions.



CREATING VALUE

Innovative solutions are most meaningful when they create extraordinary value for others. Therefore, students must be champions of value creation. As educators, we must train students to persistently anticipate and meet the needs of a changing world.

Engineers equipped with this mindset understand the bigger picture, can recognize opportunities, evaluate markets, and learn from mistakes to create value for themselves and others.



The Curious

Understand the broader world.
Look toward the future.
Explore multiple perspectives.



Those Making Connections

Think outside the box.
Place old ideas in new contexts.
Gain insights.



Value Creators

Seek opportunity.
Understand stakeholders.
Have an impact.



MINDSET + SKILLSET
A TANDEM DEVELOPMENT

IT'S NOT JUST ABOUT SKILL.
IT'S ABOUT A MINDSET.

Engineers find success and personal fulfillment when they couple their skills with a mindset to create extraordinary value for others. The key is an entrepreneurial mindset.

ENTREPRENEURIAL MINDSET + ENGINEERING SKILLSET = EDUCATIONAL OUTCOMES

ENTREPRENEURIAL MINDSET

CURIOSITY

DEMONSTRATE constant curiosity about our changing world

EXPLORE a contrarian view of accepted solutions

CONNECTIONS

INTEGRATE information from many sources to gain insight

ASSESS and **MANAGE** risk

CREATING VALUE

IDENTIFY unexpected opportunities to create extraordinary value

PERSIST through and learn from failure

COUPLED WITH

ENGINEERING THOUGHT AND ACTION

APPLY creative thinking to ambiguous problems

APPLY systems thinking to complex problems

EVALUATE technical feasibility and economic drivers

EXAMINE societal and individual needs

EXPRESSED THROUGH

COLLABORATION

FORM and **WORK** in teams

UNDERSTAND the motivations and perspectives of others

AND

COMMUNICATION

CONVEY engineering solutions in economic terms

SUBSTANTIATE claims with data and facts

AND FOUNDED ON

CHARACTER

IDENTIFY personal passions and a plan for professional development

FULFILL commitments in a timely manner

DISCERN and **PURSUE** ethical practices

CONTRIBUTE to society as an active citizen

THIS IS THE ENGINEER WE NEED.
MINDSET ADDS TO A STRONG FOUNDATION.

KEEN STUDENT OUTCOMES CAN BE
MEASURED THROUGH ACTION AND ACTIVITY.



Meetings Calendar for Spring 2022

- ✓ *January 13, 2022 from 2 PM – 4 PM*
- ✓ *February 10, 2022*
- *March 17, 2022*
- *April 14, 2022*
- *May 12, 2022*

All meetings on Zoom online for now

All monthly meetings except January are scheduled from 1 PM – 3 PM



Year 5 APR Update

- USDE held two webinars on APR preparation on Jan 26 and Jan 27.
- Work in progress
 - Narrative Section
 - Year 5 Financial Summary
- APR needs to be submitted by March 18



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AGENDA

- AIMS2 Excelencia student recognition (Nomination process and timelines)
- Nominations from faculty and community college liaisons
- Deadline for nominations: Friday, March 11, 2022
- Review Committee
 - Propose 3 member committee with 2 representatives from CSUN and 1 from partner community colleges
 - Review nominations and make recommendations
 - Deadline for recommendations: April 11, 2022



AIMS2 Excelencia Student Recognition Award

- **Nomination criteria:**

Name:

Major:

Standing:

Overall GPA (3.0 minimum):

Personal attributes: responsible, leadership, overcoming academic/personal challenges as demonstrated or reported during faculty mentor meetings; or their participation in program activities for community college students).

Program involvement: consistently meeting program requirements for CSUN students (attending mandatory faculty mentor meetings, peer mentor meetings, meaningful contributions during group meetings; meaningful participation in program activities for community college students (i.e. attending workshops, advisement, tutoring, etc.)

Campus involvement: membership in any club, organization, research program or professional organization and their role.

Community involvement: is the student involved in the community and what is their role?



AIMS² Student Recognition Award

Name: **Overall GPA:**
(3.0 minimum)

Major: **Standing:**

Personal attributes:

(responsible, leadership, overcoming academic/personal challenges as demonstrated or reported during faculty mentor meetings; or their participation program activities for community college students).

Program involvement:

(consistently meeting program requirements for CSUN students; meaningful participation in program activities for community college students).

Campus involvement:

(membership in any club, organization, research program, or professional organization).

Community involvement:

(student's involvement in the community and their role).



DISCUSSION ITEMS

- Project Activities in NCE year – CC Project Partners and CSUN
- Faculty Reports* – Faculty Mentors
- Adjourn



Pierce College Update

- Our spring semester started Feb. 7. Tutors officially begin Feb. 14. AIMS is funding tutors for physics, statics, and our engineering graphics (equiv. to ME 186/286) courses
- Our newly formed Guided Pathways STEM Success Team hosted a Pierce STEM Transfer Event on Jan 28, which featured a presentation by our Transfer Center Director and a panel of students who have transferred from Pierce to various universities in STEM majors. The panel included Abraham Meiszner, a CSUN engineering student.
- Pierce is planning events for STEM week Mar. 21-25.



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Cohort Roster (1-5)

| Ali Amini | | |
|------------------|-------------|-----|
| Mehdi | Miri | T-5 |
| Ashley | Kuhnley | T-4 |
| Sabrina | Motto | T-5 |
| Elvis | Chino-Islas | F-3 |
| Kimberly | Ortiz | F-3 |
| Javier | Valle | T-5 |
| Mario | Giron | T-5 |
| Suzanne | Fisher | T-5 |

| Anwar Alroomi | | |
|----------------------|--------------|-----|
| Alexis | Sierra | F-2 |
| Juan | Espericueta | F-3 |
| Luis | Flores | F-4 |
| Teny | Shahjahanian | F-2 |
| Marleny | Lopez | T-5 |



Cohort Roster (2-5)

| Ruting Jia | | |
|--------------|----------|-----|
| Areesha | Hussain | F-4 |
| Jairo | Zelaya | T-4 |
| Meyer | Millman | F-3 |
| Pedro | Moran | F-4 |
| Tiffany-Ziba | Haghighi | F-3 |

| Kay Hao | | |
|-----------|----------|-----|
| Ezekiel | Castelo | T-5 |
| Ariana | Oliva | T-5 |
| Andrew | Langwald | F-2 |
| Gerardo | Reyes | F-3 |
| Peter | Messiha | F-3 |
| Richard | Gomez | F-3 |
| Alexander | Rivera | T-4 |
| Elizabeth | Esquivel | T-4 |
| Richard | Rivas | T-4 |



Cohort Roster (3-5)

| John Valdovinos | | |
|-----------------|---------------|-----|
| Alan | Cruz | F-2 |
| Armando | Herrera | F-2 |
| Alyssa | Tompkins-Webb | T-5 |
| Kyle | Rietta | T-3 |
| Nuelbella | Sandoval | F-3 |
| Jessica | Frederich | T-5 |
| Rojelio (Roger) | Bejar | T-4 |
| Luis | Ochoa | T-5 |
| Maria | Zinkewich | T-5 |
| Robert | Salone | T-5 |

| Kyle Dewey | | |
|------------|----------|-----|
| Briana | Pimentel | F-3 |
| Fernando | Vargas | F-3 |
| Isaiah | Martinez | F-3 |
| Jennifer | Glover | T-4 |
| Rocio | Zavala | F-2 |
| Samantha | Ramirez | F-4 |
| Victor | Pineda | T-3 |



Cohort Roster (4-5)

| Aram Khachatourians | | |
|----------------------------|------------|-----|
| Armando | Briseno | F-2 |
| Cristina | Rubalcava | T-4 |
| Garabed | Simitian | F-3 |
| Jason | Marroquin | F-4 |
| Kathleen | Molina | F-3 |
| Lesly | Custodio | T-4 |
| Levi | Velasquez | F-2 |
| Adrian | Santamaria | T-5 |
| Daniela | Sanchez | T-5 |
| Heather | Reyes | T-5 |
| Matthew | Awad | T-5 |
| Matthew | Culajay | T-5 |

| Behzad Bavarian | | |
|------------------------|-------------|-----|
| Anthony | De Leon | T-4 |
| Meroujan | Bagdadian | T-5 |
| Verania | Ceja Franco | F-2 |



Cohort Roster (5-5)

| Bingbing Li | | |
|--------------------|---------------|-----|
| Andy | Sanchez | F-3 |
| Anthony | Vasquez | F-3 |
| Andrew | Ramirez | T-5 |
| Deion | Shallenberger | T-5 |
| Jason | Kim | F-3 |
| Gerardo | Baron Diaz | T-5 |
| Randy | Herrera | T-5 |
| Tomothy | Tran | T-5 |
| Megan | Ngo | F-3 |
| Noe | Diaz | T-4 |

| Bruno Osorno | | |
|---------------------|-----------|-----|
| Beatriz | Acuna | F-1 |
| Albert | Rivas | T-5 |
| Fernando | Landeros | F-3 |
| Cesar | Villa | T-5 |
| Faizan | Hussain | T-5 |
| Jessirae | Bufford | T-5 |
| Jose | Cervantes | F-3 |



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