

***(SECURE) for Student Success (S f S²)”
Core Team Meeting # 2***



S. K. Ramesh, Ph.D., FIEEE
Founding Director Sfs² & Professor of Electrical and Computer Engineering



AGENDA

- Welcome and Grant Updates– Ramesh
- Extended Advisory Team / External Advisory Committee/Subcontracts / Staff Recruitment
- Communications (Grant Email account / Project Website)
- Community College Partners
- LA Pierce College – Elizabeth Cheung
- College of the Canyons – Amy Foote
- Project Assessment and Evaluation – Nathan Durdella
- Program Activities (Area Leads)
 - Faculty Community of Practice – Vartenie Aramali
 - Peer Mentoring – Ricardo Medina
 - Student Workshops – Sahabul Alam
 - Undergraduate Research – Silvia Carpitella
- Next Meeting (April 26)
- Adjourn



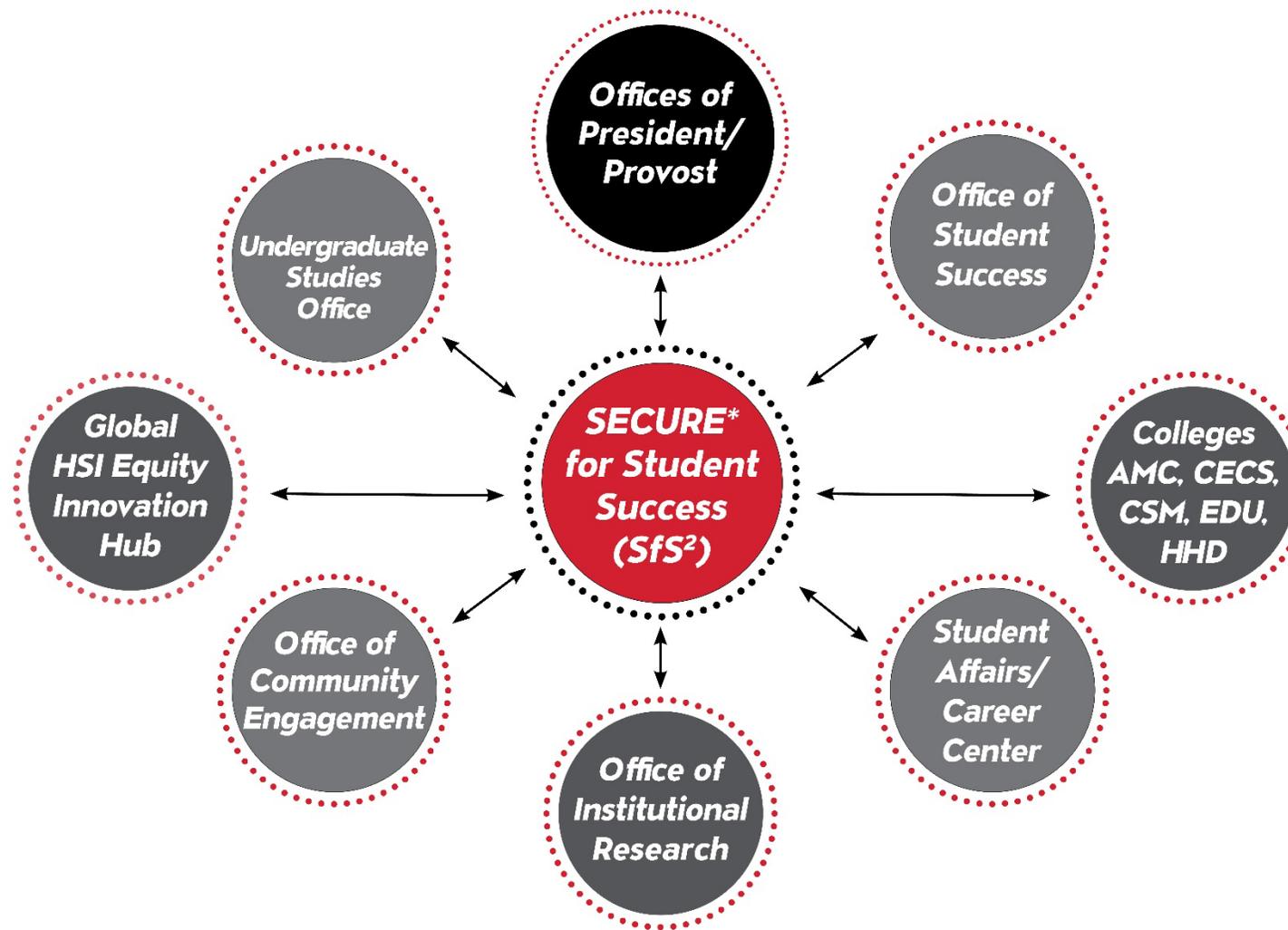
Core Team



*Strengthening Equitable Culturally Responsive Environments



Extended Team





Extended Advisory Team

- **Jackie Stallcup**, Interim Vice Provost
- **Colin Donahue**, VP Administration and Finance
- **Melanie Bocanegra**, AVP Student Success
- **Diane Guido**, AVP Faculty Affairs
- **Janet Oh**, Director, Institutional Research
- **Gabriela Chavira**, Director, Undergraduate Research
- **Danielle Spratt**, Director, Community Engagement
- **Freddie Sanchez**, Interim AVP Student Affairs, Equity & Inclusion (Representing William Watkins, VP Student Affairs)
- **Veronica Montoya**, Senior Director HSI National Initiatives, (Representing Amanda Quintero, Senior Advisor to the President for Inclusive Excellence)
- **Christina Mena**, Assistant Director, Alumni Relations & Engagement (Representing Nichole Ipach, VP University Relations & Advancement)
- **Grace Slavik**, Associate Executive Director TuC (Representing Rick Evans, Executive Director, TuC)



External Advisory Committee

- **Cindy Anderson**, CEO Alula Consulting & Engineering for One Planet (EOP) Strategy Consultant
- **Sunand Bhattacharya**, Associate Vice President, Design & Innovation Strategies, Boston College
- **Luis Carbajo**, HR Director, Vaughn Next Century Learning center
- **Fatima Colorado**, Manager, Distribution Planning Engineering, Portland General Electric
- **Sharon DeVivo**, President, Vaughn College
- **Chris Erickson**, Consultant, Blue Origin
- **Fernando Guarin**, Distinguished Member of Technical Staff, Global Foundries & IBM
- **Erin Hong**, Engineering Manager, Aerospace Corporation
- **Balaji Iyer**, Director, Naval Air Systems Command, NAVAIR
- **Naomi Palmer**, JPL Fellow, Office of Safety and Mission Success, Jet Propulsion Laboratory
- **Julia Potter**, Past President, University Economic Development Association (UEDA)
- **Felix Rabinovich**, Vice President, ATIMS
- **Lisa Sachs**, Managing Principal Emeritus, Cumming Group, Chair-Elect, Applied and Natural Sciences Accreditation Commission, ABET
- **Tom White**, Chief Resource Officer, Network for Global Innovation (NGIN), Professor, Art Center College of Design



Subcontracts

- Subcontract signed with Dr. Gina Garcia



GINASOL, INC
www.ginasol.com

- Subcontract signed with Shearwater Inc.,



MENTOR
COLLECTIVE

- Subaward agreements completed with Los Angeles Pierce College and College of the Canyons



Staff Recruitment

- Positions Advertised (January 2024)
 - Administrative Coordinator (TuC CECS # 535582)
 - Student Services Coordinator (TuC CECS # 535583)
 - Research Technician (TuC CECS # 535574)
 - Web Developer (TuC CECS # 535596)
- Initial review closing date : February 12, 2024
- Interviews in progress
- Anticipate recommendations to be made and offers extended by next week



Grant Communications/Project Website

- We have established a grant specific account (sfs2@csun.edu)
- The account will be accessible to the Project Director, Administrative Coordinator and Web Site Coordinator.
- This account will be used to distribute information (flyers about grant programs and services, invitations to students, faculty, staff and others)
- We have also established a listserve for member of the Core Team. The email address is sfs2-1@csun.edu and may be used by anyone on the core team to share relevant information
- The project website is in progress and may be accessed at <https://www.ecs.csun.edu/aims2>



Industry Mentors

Industry Mentors (Career Development)

- What are we looking for?
- Looking for a diverse group of mentors, with at least 2-3 years experience
- Commit to working with 3-5 students (Mostly virtual, some in-person, Job shadowing, Introduction to the workplace, Professional Development). Average about 5 hours/month.
- **Need your recommendations!**
- **Name, Position, Contact Information (Email)**
- **Send them to s.ramesh@csun.edu**





Industry Mentors

Industry Mentors (Career Development)

- Advertise and recruit industry mentors – **Mar, Apr**
 - Up to 10 industry mentors with a stipend of \$ 2 K each annually
- Orient industry mentors on project needs, services, and deliverables – **Mar, April**
- Mentor Training, Mentor/Mentee matching– **April, May**
- Monitor progress– **Sum 24, Aug-Dec (fall), Jan – May (spring)**



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Pierce College Project Activities

- Peer Mentors for MESA students
 - 2 peer mentors assigned to mentor 60 students. Mentees are:
 - 1st generation students within the MESA program, and
 - Students with expected transfer date of fall 2025 or later
 - Mentors were trained through existing Pierce Peer-to-Peer Mentor Program
- Pierce College marine biology professor, Crystal Ng, to participate in SfS² Community of Practice 2024 Cohort



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College of the Canyons Project Activities

Objective 1:

- Peer Mentor Program – paired new students with peer mentors from MESA.
- Hired and scheduled 5 new tutors to assist with study groups and Academic Excellence Workshops – Workshops concentrating on Calculus 2/3, Physics 220/221, Computer Science 182/235/236
- Students have access to MESA counselor for guidance and student education planning for transfer.

Objective 2:

- Planned professional development workshops in Resume writing, Networking, LinkedIn set up, Conference Etiquette, interview skills, time management, salary negotiations, and more to come.
- MESA Lab Skills Program will start March 1st – all cohort are invited to participate.



College of the Canyons Project Activities

Objective 3:

- Currently identifying faculty to join DEI committee work groups and to take the cultural relevant teaching course at COC.

Objective 4:

- Working with Student Services VP to confirm a mental health specialist for individual and group sessions 4 hours a week for student's mental health needs.
- Collaborating with the BanC (Basic needs hub) to assist students with food and housing insecurities.



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Project Assessment and Evaluation

UPDATES

- Met with Faculty Leads, Support Staff, CC Leads, and IR to further develop evaluation
- Operationalized performance measures for evaluation
 - Define and link constructs in PMs to the literature and align PMs with research questions, data collection procedures, and instruments
- Approved to use [Culturally Engaging Campus Environments \(CECE\) Survey](#)
 - Measures “characteristics of optimally inclusive and equitable campus environments”
 - Administered in Y2 & 4 to examine PM 4.1, 4.2, & 4.4 (cultural validation, campus belonging, positive peer environment, and mental & physical health)
- Co-drafted and submitted IRB protocol/under pre-review

UPCOMING & ONGOING WORK

- Interim Progress Report (IPR) opens in April/submitted in May + outlining APR
- Continuing to align performance measures with instruments, including CECE survey
- IRB approval and modifications
- Starting project activity assessment
 - Workshop questionnaires in spring/fall, [URSSA](#) in summer, student and faculty interviews summer/fall, student participatory photography + structured journals in summer/fall
- Submitting a proposal to AEA
 - Focused on demonstrations of collaborative evaluation with faculty co-evaluators in a convergent mixed-method design



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Faculty Community of Practice (FCOP)

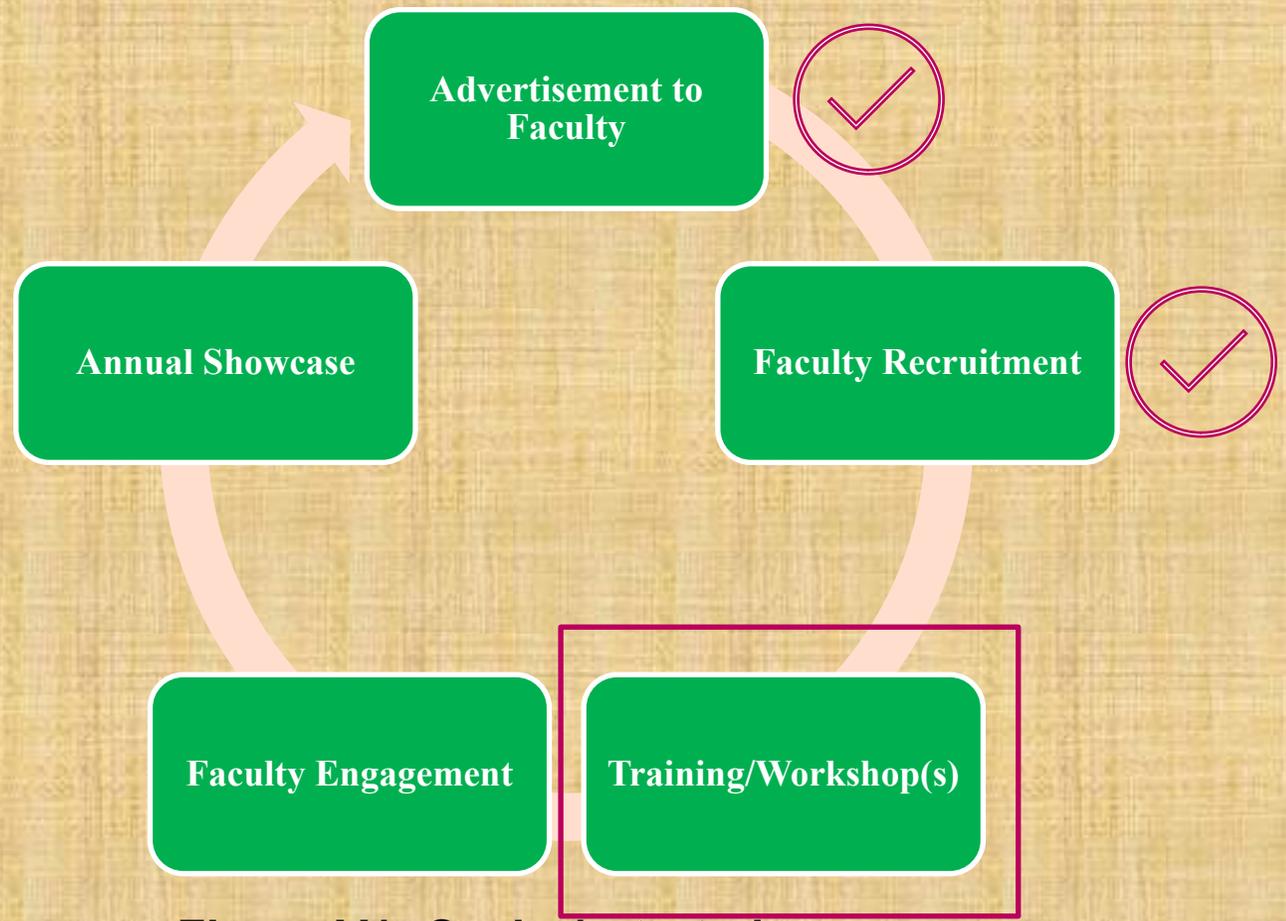


Figure V1: Cycle 1 started

Faculty Community of Practice (cont.)



Figure V2: Cycle 1 details



Welcome FCOP – Cohort 2024

1	Vartenie	Aramali
2	Mohammad Rasoul	Narimani
3	Xunfei	Jiang
4	Mingliang	Zhang
5	Karapet	Karapetyan
6	Tzong-Ying (Kay)	Hao
7	Md Sahabul	Alam
8	Silvia	Carpitella
9	Masoumeh	Rousta
10	Ricardo	Medina
11	Doris	Abrishami
12	Crystal	Ng



1



2



3



4



5



6



7



8



9



10



11



12





Dr. Gina Garcia's Keynote coming up!

- March 29, 2024
- Keynote details & topic; see flyer
- Please register using this QR code and invite your colleagues



DEFINING SERVINGNESS IN PRACTICE AT HISPANIC SERVING INSTITUTIONS

MARCH 29, 2024
10 a.m. – 12 Noon
USU Northridge Center
California State University, Northridge

KEYNOTE SPEAKER

DR. GINA ANN GARCIA

Dr. Gina Ann Garcia is a professor in the School of Education at UC Berkeley. Her research centers on issues of equity and justice in higher education with an emphasis on understanding how Hispanic Serving Institutions (HSIs) embrace and enact an organizational identity for serving minoritized populations. She explores the experiences of administrators, faculty and staff at HSIs and the outcomes of students attending these institutions. As an equity-minded scholar, she tends to the ways that race and racism have shaped institutions of higher education.

Dr. Garcia is the author of *Becoming Hispanic-Serving Institutions: Opportunities for Colleges & Universities* for which she won the American Association of Hispanics in Higher Education Book of the Year Award in 2020 and the editor of the book *Hispanic-Serving Institutions in Practice: Defining "Servingness" at HSIs*. Her newest book, *Transforming Hispanic Serving Institutions for Equity and Justice* was released in Spring 2023 and is now available.

She has delivered over 150 public lectures and workshops across the country and consults directly with HSIs to work towards organizational transformation. She is also the host of the popular podcast *¿Qué pasa, HSIs?* and founded the Cal HSI Center which advances HSI research that informs practice and policy.

Dr. Garcia graduated from California State University, Northridge with a bachelor's degree in marketing, the University of Maryland, College Park with a master's degree in college student personnel, and the University of California, Los Angeles with a Ph.D. in higher education and organizational change. She is a proud alumna of a HSI and was a Title V Coordinator at Cal State University, Fullerton which drives and motivates her research and praxis.

SCAN TO REGISTER

sfs²
SECURE for
Student Success

SECURE for Student Success®
Strengthening Equitable Culturally Responsive Environments for Student Success: Using a Servingness Model to support Hispanic and Underrepresented Students

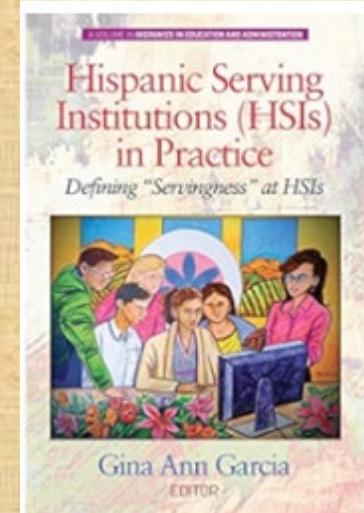
For additional information visit: ecs.csun.edu/sfs2

*SECURE for Student Success® is supported by the United States Dept. of Education FY 2023 Title V, Part A, Developing Hispanic-Serving Institutions (DHSI) Program five-year grant, Award Number P031S230232, CFDA Number 84.0315. However, the contents of this presentation do not necessarily represent the views of the US Department of Education, and you should not assume endorsement by the Federal Government.



Dr. Gina Garcia's Workshop

- March 29, 2024
- Open to FCOP
- Focus: “Defining Servingness in Practice at Hispanic Serving Institutions”
 - Will discuss her book
 - Will lay out multidimensional conceptual framework for understanding “Servingness”
 - Will talk about “structures for serving”





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Peer Mentoring Program

- Peer Mentoring Program advertising launched
 - 1st advertised to SECURE team faculty for recommendations
 - Opened to other faculty for recommendations
 - Contacted student clubs and organizations
- Mentor applications:
 - We have received 15 mentor applications
 - Applications due March 1st will **extend deadline to March 15th** to encourage more applications

Sfs² PEER MENTORING PROGRAM

The Sfs2 peer mentoring program aims to foster a sense of belonging and increase retention and degree completion of students enrolled at CSUN in selected majors

Peer mentors will provide social and academic support to new CSUN transfer students to help transfer students with getting acclimated to CSUN and help prepare them for the requirements necessary to succeed in their respective majors

As a peer mentor you will gain valuable organizational, interpersonal, and personal development skills

Peer mentors work closely with faculty and staff to support students

**Peer Mentor Stipend:
\$2,500/year**

Questions? Email:
Dr. Ricardo Medina (ricardo.medina@csun.edu)
Dr. S.K. Ramesh (s.ramesh@csun.edu)

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Sfs²
SECURE for
Student Success



Mentor Eligibility:

- Undergraduate: 2.8+ GPA
- Graduate: 3.3+ GPA
- Enrolled Full Time
- U.S. Citizen or Permanent Resident
- *Preference given to students who have faced or are facing social, cultural, educational, or economic barriers in STEM

Apply Here:

<https://bit.ly/sfspm2324>



**Deadline to apply:
March 1st, 2024**



Peer Mentoring Program

- Working to send interest form for mentees
 - Will send mentee interest forms by next week
- Informational session: Thursday March 7th

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\$2,500/year

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Dr. Ricardo Medina (ricardo.medina@csun.edu)
Dr. S.K. Ramesh (s.ramesh@csun.edu)

Apply Here:

<https://bit.ly/sfspm2324>



Deadline to apply:
March 1st, 2024

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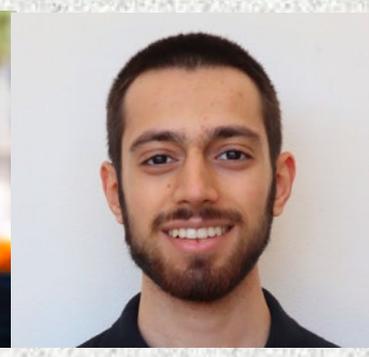
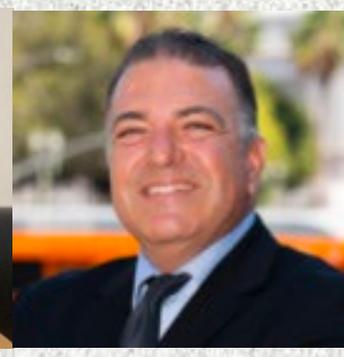
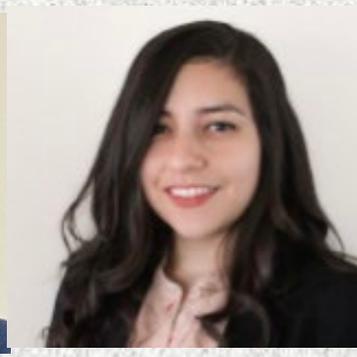
Student Workshops

Industry Panel

➤ An **ALUMNI** panel discussion on **LIFE IN INDUSTRY**

TUESDAY FEB. 27, 2024

5:00 to 6:45 PM • Johnson Auditorium, Jacaranda Hall



AZMYNE ASAD
BS EE '23
RTX CORPORATION,
RAYTHEON
DIVISION

JASON BACON
BS CM '10
ACCO ENGINEERED
SYSTEMS

ALAN CRUZ
BS ME '22
EATON
AEROSPACE ITD

JENNIFER DE AVILA
BS CE '23
KIMLEY-HORN

SUZANNE FISHER
BS EE '23
TELEDYNE SCIENTIFIC
& IMAGING

CARLOS RODRIGUEZ
BS CE '96, MSEM '00
LOS ANGELES
DEPARTMENT OF
TRANSPORTATION

GARABED SIMITIAN
BS ME '22
NORTHROP
GRUMMAN



Student Workshops





Upcoming Student Workshops

Counseling/Mental Health

When: March 28: 3:30 – 4:45 PM

Where: Sequoia Hall 104

On-boarding of Transfer Students

When: April 11: 5:00 – 7:00 PM

Where: Sagebrush 101

Career Development

When: April 18: 2:00 – 3:15 PM

Where: Johnson Auditorium



Upcoming Student Workshops

Student Success Workshops (During Summer 2024)

- Study Skills
- Time Management
- Financial Literacy
- Lab Tours



Upcoming Student Workshops

During Fall 2024

- ❖ **Industry Panel**
When: October
- ❖ **Counseling/Mental Health**
When: October
- ❖ **On-boarding of Transfer Students**
When: September
- ❖ **Career Development**
When: September, November



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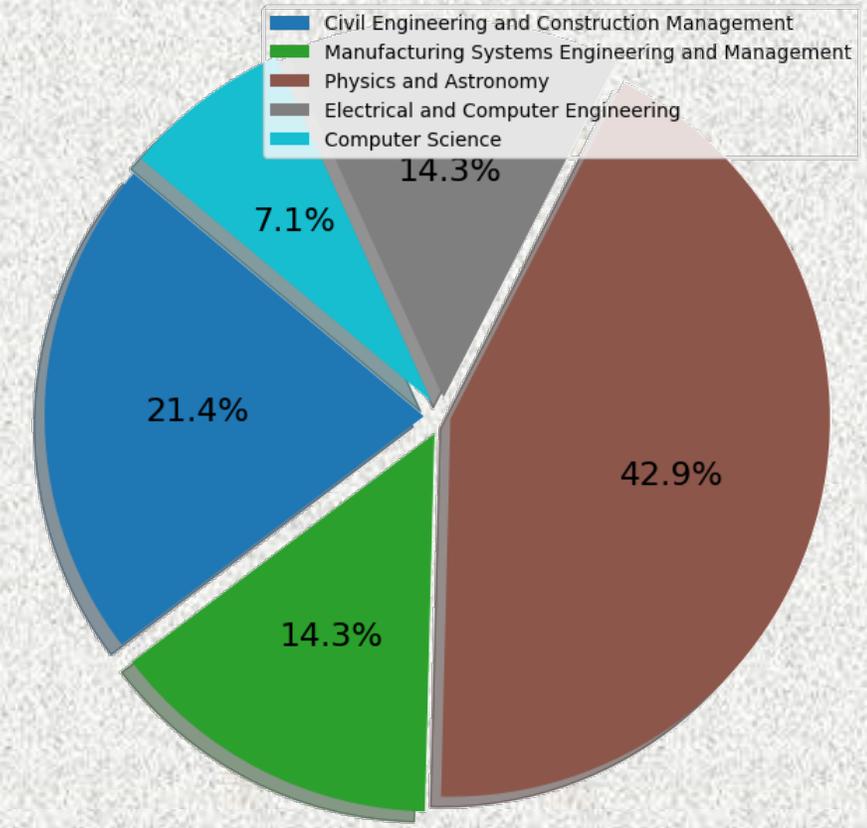
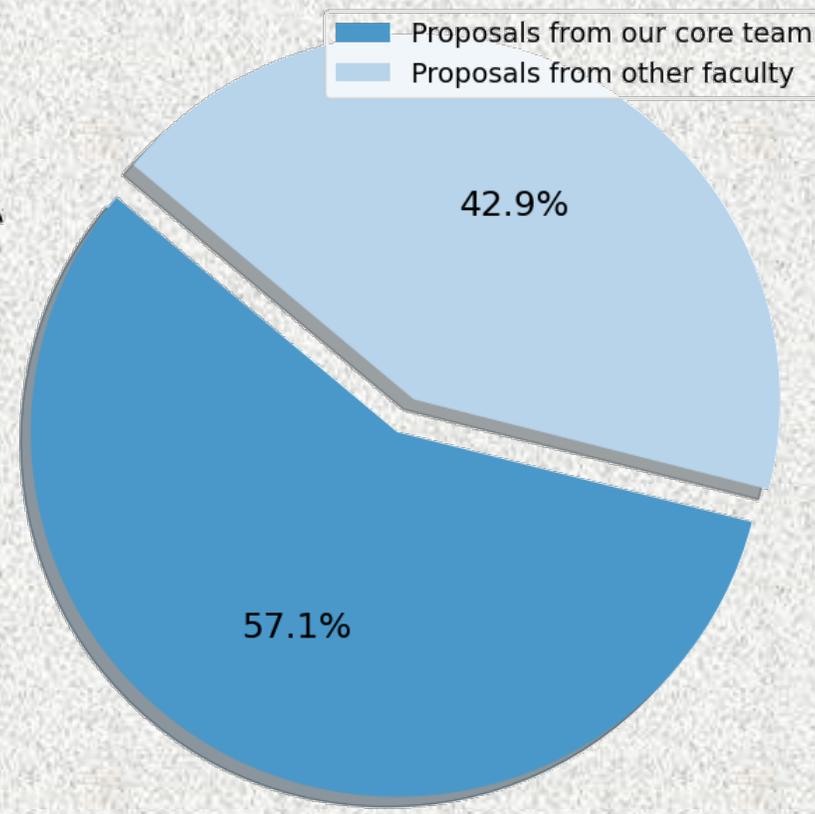


Undergraduate Research Program

14 Proposals Received

thank you

for your meaningful contribution to the Undergraduate Research Program so far!

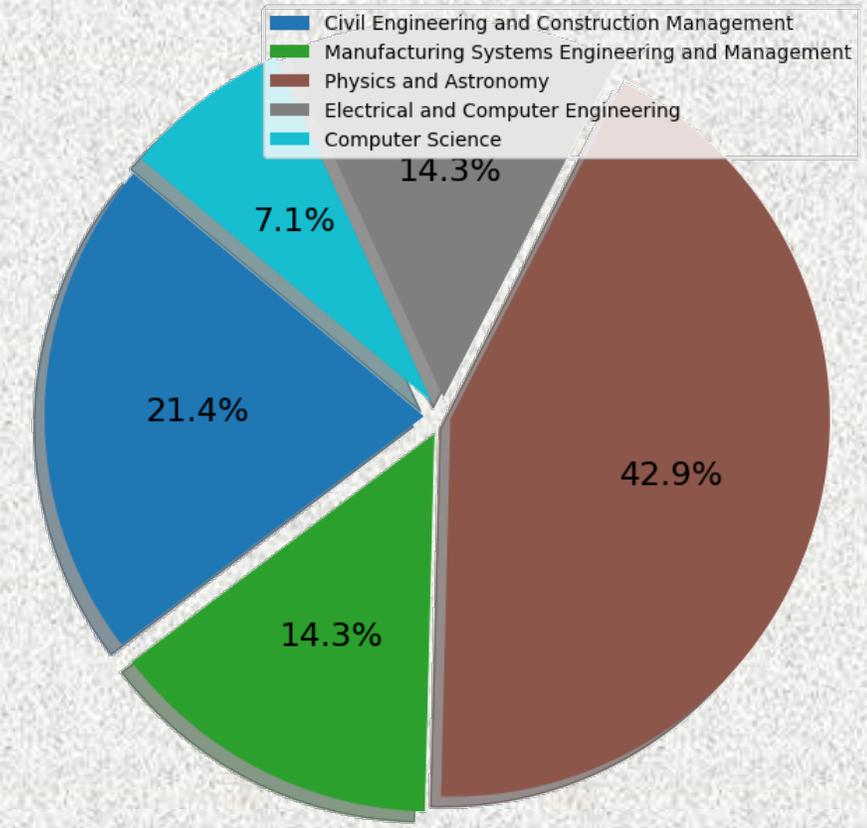
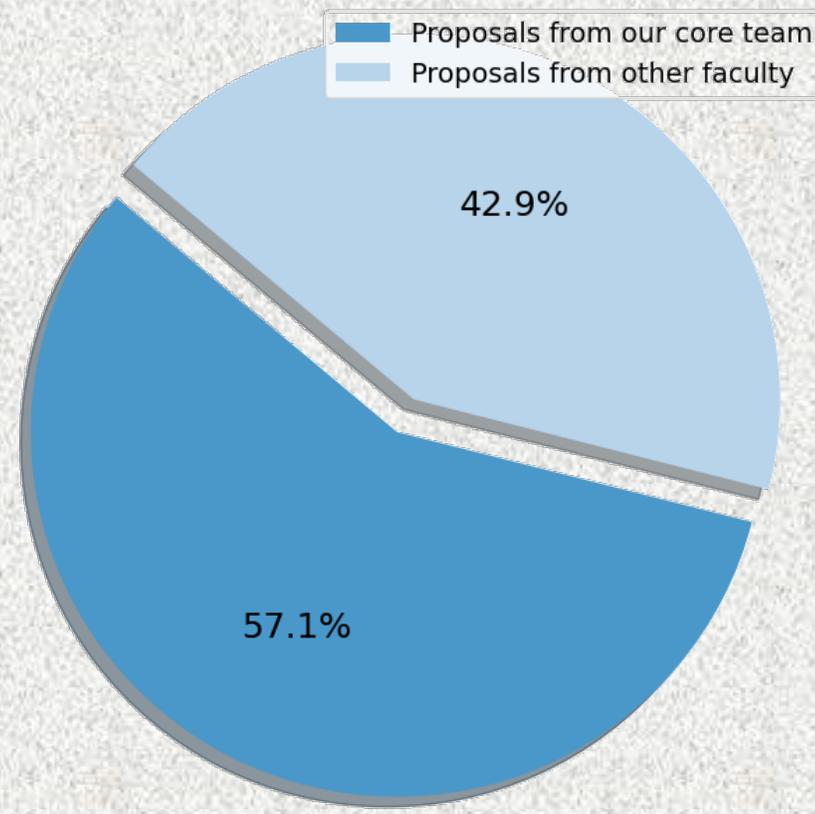




Undergraduate Research Program

14 Proposals Received

- The final selection will be made on the basis of how well the proposal could attract the broader spectrum of students with different backgrounds to fit the purpose of our grant.
- We plan to select up to 10 proposals. Faculty will receive communication within the day **March, 8th, 2024.**



Undergraduate Research Program

Sfs² UNDERGRADUATE
 RESEARCH PROGRAM
 SECURE for Student Success



The Sfs² Undergraduate Research Program is designed to immerse you in the fascinating world of research under the guidance of experienced faculty supervisors.

Selected students will engage in exciting and thought-provoking research in a field of interest during the summer months, collaborating with fellow peers.

As a participant, you will be presenting the results of your work to a wider audience, sharing your insights and generating new ideas!

Stipend: \$1,000/student

More info: www.ecs.csun.edu/sfs2/

If you have any questions feel free to contact:

- Dr. Silvia Carpitella (silvia.carpitella@csun.edu)
- Dr. S.K. Ramesh (s.ramesh@csun.edu)

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Student Eligibility:

- ✓ Undergraduate, 2.8+ GPA
- ✓ U.S. Citizen or Permanent Resident
- ✓ *Preference will be given to students facing social, cultural, educational, or economic barriers in STEM

Apply Today!

https://csun.sjc1.qualtrics.com/jfe/form/SV_cFUpE1ek6BSKnK6



Deadline:

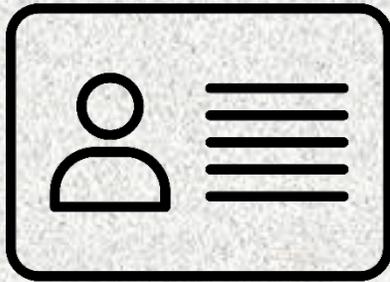
Thursday, April 4th, 2024, by 5:00 P.M.

- Eligible students will be able to apply via Qualtrics. Applications are due on **April 4th, 2024, by 5:00 PM.**
- An orientation event for faculty aimed at clarifying project needs will take place on **April 12th, 2024, at 12.00 noon, JD4440.**
- The deadline for faculty to select their students (typically 3-5) and to communicate their names is **April 29th, 2024.**
- Selected students will receive official notification by **May 6th, 2024.**
- More information about the *TRAINEESHIP* and the *SYMPOSIUM* will be discussed during the orientation event.

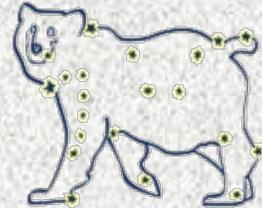


Undergraduate Research Program

*We have been working with the Evaluation Team
in developing the following tools to assess PM 2.4.*



Student
Database



Post-event
Survey



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