

**CSUF**

**Research and  
Sponsored Projects**

ACADEMIC AFFAIRS



**ANNUAL REPORT  
2022-2023**

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California State University, Fullerton, enriches students' lives and inspires them to thrive in a global environment. We cultivate lifelong habits of scholarly inquiry, critical and creative thinking, dynamic inclusivity, and social responsibility. Rooted in the strength of our diversity and immersive experiences, we embolden Titans to become intellectual, community, and economic leaders who shape the future.

## ORSP MISSION

The Office of Research and Sponsored Projects (ORSP) works with other units throughout the campus to seek external support for faculty research, creative activity, and institutional projects that support the educational and service mission of the university. Collaboration is sought across disciplines, departments, and community partners in preparing proposals to federal, state, and private agencies.



# Strategic Plan

	CSUF Strategy	ORSP Strategy
<b>1. CSUF Goals</b> Provide a transformative educational experience and environment for all students.	1.3 Scale and institutionalize culturally responsive curricular/cocurricular High Impact Practices (HIPs).	1.1 Support the development and expansion of High Impact Practices (HIPs), focusing on strengthening faculty professional development in research, scholarship, and creative activities.
		1.2 Conduct an inventory of undergraduate research or other faculty - student mentoring opportunities and consistently develop a model to promote this experience across majors.
	1.8 Increase on-campus student employment, internships, and development opportunities.	1.3 Explore and pursue funding opportunities encouraging and supporting student employment, internships, and professional development.
	1.9 Expand faculty-student mentoring opportunities, particularly during last year of the undergraduate experience.	1.4 Identify, strengthen & support inter-disciplinary or trans-disciplinary research, scholarship, or creative activities.
<b>3.</b> Recruit and retain a high-quality and diverse faculty and staff.	3.1 Conduct campus climate surveys & aggregate data on a regular basis. Report findings to the campus community.	3.1 Identify ORSP staffing needs and explore creative models to increase support capacities at the department and college levels.
	3.8 Diversify and grow opportunities to promote faculty teaching, scholarly and creative activities, and support services to enhance the professional lives of faculty.	3.2 Provide and support professional development opportunities for faculty and staff that aim at developing their competencies in understanding and supporting the success of CSUF's diverse community.
<b>4.</b> Expand and strengthen our financial and physical capacity.	4.10 Define an overall university goal for revenue from self support/entrepreneurial activities.	4.1 Identify research and scholarly activity goals and explore models that encourage faculty pursuit of extramural funding.
	4.11 Develop appropriate financial models and business plans in each self-support/entrepreneurial program to realize net revenue targets.	4.2 Collaborate with campus partners to develop a sustainable self-support activity and revenue model.



# Provost's Message

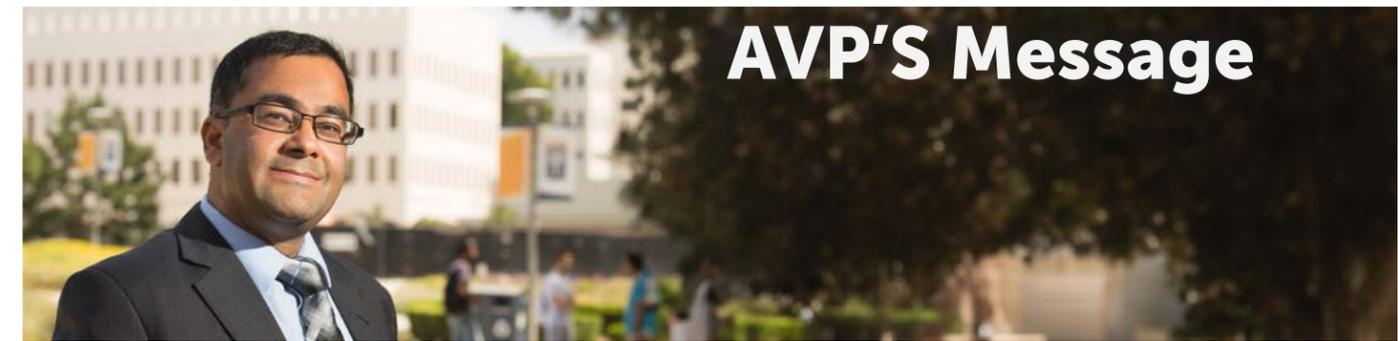
As the provost and vice president for Academic Affairs at California State University, Fullerton, I welcome you to read the **Office of Research and Sponsored Projects (ORSP) 2022-2023 Annual Report**. At the core of our institutional mission, we cultivate lifelong habits of scholarly inquiry and critical and creative thinking. We are committed to supporting our faculty and students in their inquiry and innovation journey through individual and collaborative research and creative activities.

As you can see in this report, the Office of Research and Sponsored Project's collaborations with our faculty, students, and staff-- specifically on faculty-student research, scholarship and creative activities (RSCA), and extramural grant development, submission, and administration—have contributed to significantly increasing our extramural grant funds in the past few years.

Showcasing faculty-student research through local, national, and international conferences and peer-reviewed publications demonstrate our faculty members' contributions to the academic success of our students. This report highlights the accomplishments of our faculty, students, and institution, with a particular focus on RSCA. In closing, I want to thank our faculty members for their dedication to providing high-impact experiential learning opportunities to our students.

I also appreciate our faculty, community partners, and sponsors' contribution to our steady growth in sponsored project funds.

**Amir Dabirian, Ph.D.**  
Provost and Vice President for Academic Affairs



# AVP'S Message

From the desk of the Associate Vice President of Research and Sponsored Projects at California State University, Fullerton (CSUF), I invite you to read this fourth annual report of the Office of Research and Sponsored Projects. All five units of the **CSUF Research Enterprise** – the Office of Grants and Contracts, Office of Research Development, Office of Research Compliance, Office of Sponsored Projects, and the Undergraduate Research Opportunity Center (UROC) have been successful in engaging our faculty, students, and staff in extramural proposal development and submission, conducting high quality research and creative activities, publishing research findings in peer-reviewed journals and presenting at conferences and other professional venues.

As highlighted in this report, the ORSP promotes faculty and student research, scholarly, and creative activities at CSUF through its various programs in alignment with CSUF's mission to "cultivate lifelong habits of scholarly inquiry, critical and creative thinking" and "cultivate and promote the collaborative exchange of ideas through rigorous academic and creative activities." ORSP has strategically implemented various programs in 2022-2023, including coordinated efforts within the university and beyond; allocating resources for faculty, staff, and student professional development; promotion of CSUF faculty and program strengths, specifically, on their expertise pertinent to research and creative activities; and hiring for vacant staff/management positions. As a result, we had an extremely successful year with several new records. Record-high submissions for external funding (\$146.1M), funded awards (\$46.1M), and faculty (over 130) as well as student (over 500) participation in ORSP sponsored workshops and conferences.

One of the year's biggest achievements has been the establishment and staffing of the Undergraduate Research Opportunity Center (UROC) with joint funding from the Scott-Jewett gift and ORSP's internal funding. Moreover, we were able to continue supporting faculty through various internal programs, including RSCA Grants (\$180K), Jr/Sr Grants (\$278K), CSUF Open Access Article Publishing

Funds (\$15K), ORSP Innovative Research and Creative Activity Grants (\$108K), and Faculty Travel Grants (\$54K).

Our faculty have been very active in publishing their high-impact articles in the journals of their pertinent disciplines. As a result, for two years in row we have maintained our top-25 position in the US News and World Report's Global University Ranking and have stayed in the top 3 among US public universities in terms of the impact of our publications, based on the Normalized Citation Index. Likewise, four of our students were able to bring home 1st or 2nd place awards at the CSU Research Competition.

Our Office of Research Compliance, and the pertinent committees, were actively engaged in **2022-2023**, reviewing applications and approving 602 Institutional Review Board (IRB) and 28 Institutional Animal Care and Use Committee (IACUC) protocols as well as 11 Institutional Biosafety Committee (IBC) protocols for curricular, cocurricular, and sponsored research projects. Likewise, our Faculty Fellows on Scholarly Publication and Quantitative Research worked with more than 30 faculty members to support their successful publication of peer-reviewed manuscripts.

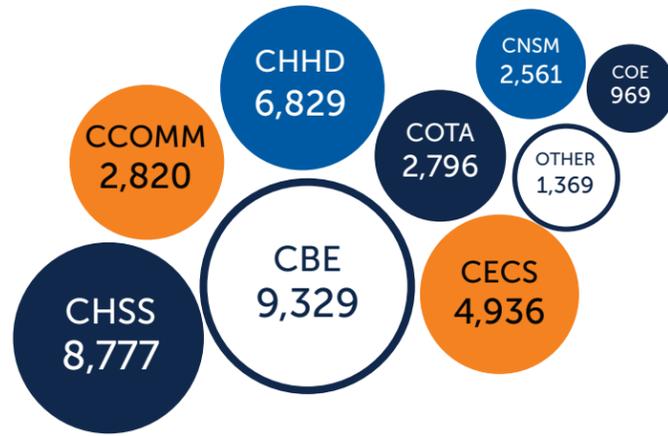
Presented in this annual report are the **CSUF ORSP activities during 2022-23** and some selected faculty-student research highlights. I am looking forward to more faculty-student research and creativity success in future years. As the AVP for Research and Sponsored Projects, I extend my thanks to CSU and CSUF administrators, faculty, staff, funding agencies, students, and CSUF friends and family for their unconditional support of CSUF's growth in Research and Creative Activities. I look forward to your continued support of the ORSP mission to serve our communities locally, nationally, and globally through innovation, discovery, and transformative research and creativity.

**Binod Tiwari, Ph.D., P.E.**  
AVP of Research and Sponsored Projects

# Institutional Overview

## Students Enrolled by College

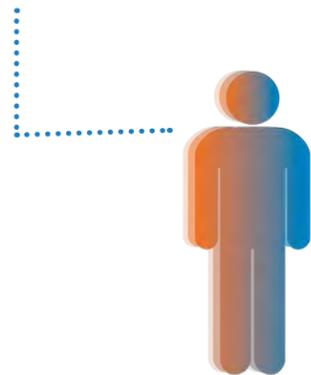
Fall 2022 State and Self-Support



## Number of Students

**40,386**

Total # of Students

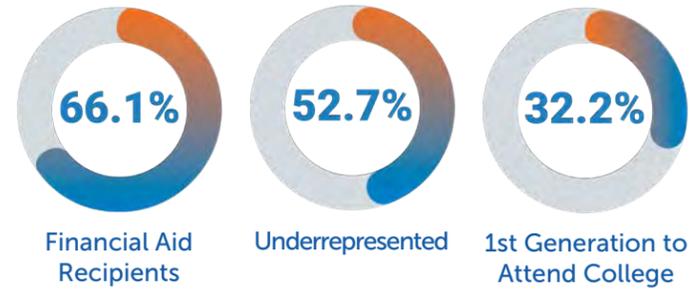


**35,239**  
Undergraduate Students

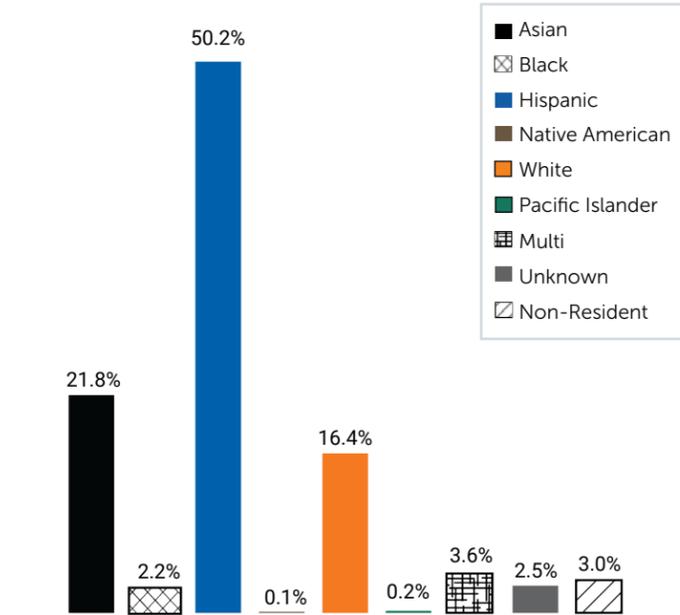
**5,147**  
Graduate Students,  
Post-Bac & Other Students

## Statistical Highlights

Fall 2022 State and Self-Support



## Student Enrollment



ACCREDITED BY:



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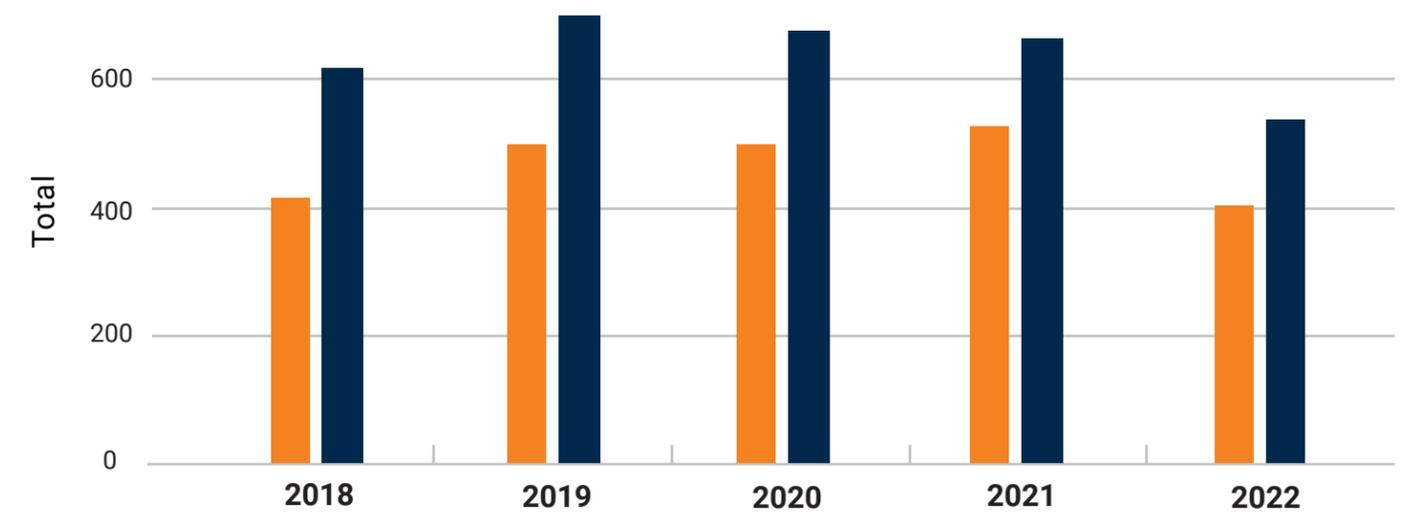
CSUF RANKS:



In the nation, for bachelor's degrees earned by Hispanic students, Underrepresented students

# Publication Record

## 5-Year CSUF Publication Record



	2018	2019	2020	2021	2022
Publication	618	706	681	672	551
Articles	417	508	504	534	415

CSUF produced 551 Web of Science™ indexed publications in the Calendar Year 2022, one of the highest among the CSU campuses. In the past five years, California State University, Fullerton contributed 3,228 Web of Science™ indexed publications\*.



5 Year Web of Science Publications

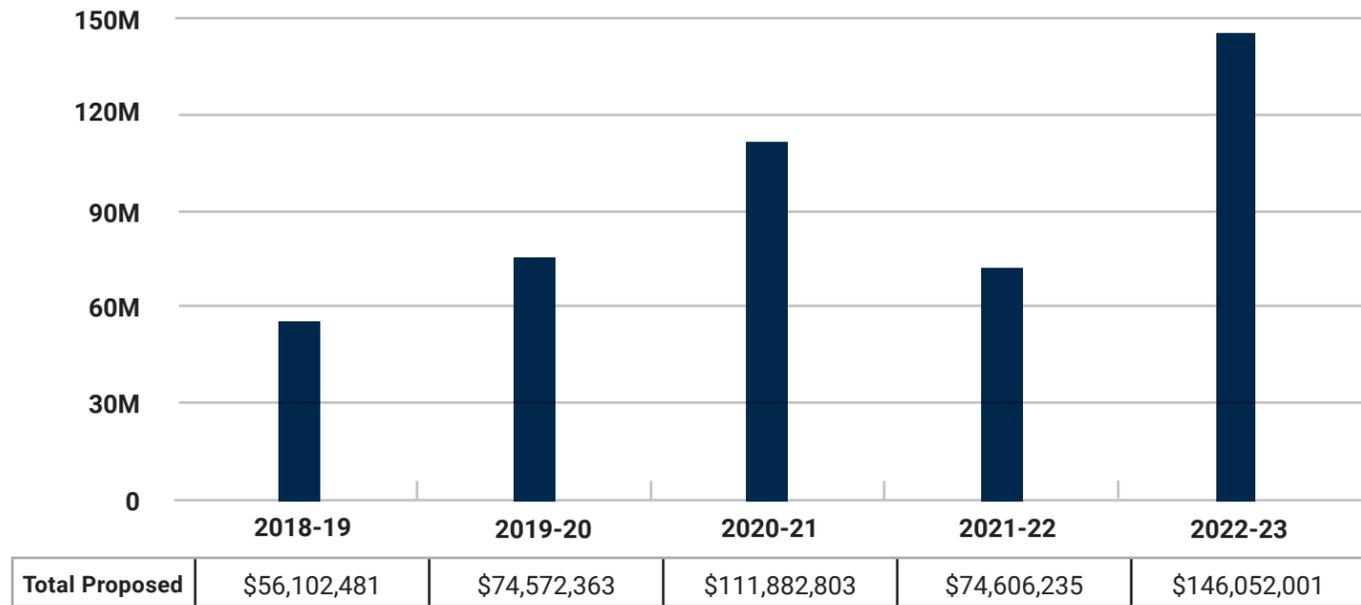


Total Publications in CY 2022

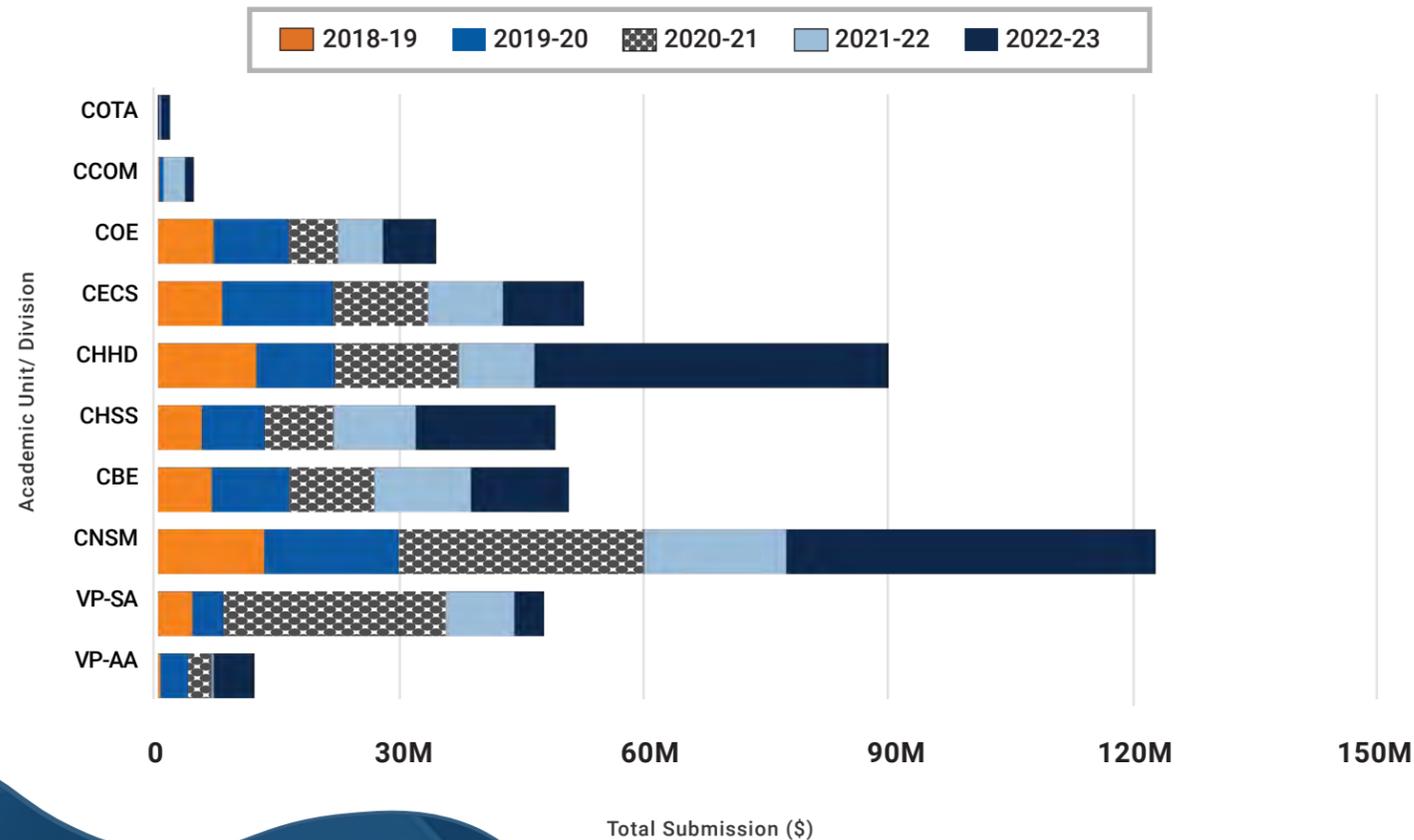
<b>CBE</b>	College of Business & Economics	<b>COE</b>	College of Education
<b>CCOM</b>	College of Communications	<b>COTA</b>	College of Arts
<b>CECS</b>	College of Engineering & Computer Science	<b>VPAA</b>	Division of Academic Affairs Units
<b>CHHD</b>	College of Health & Human Development	<b>VPASA</b>	Division of Student Affairs Units
<b>CHSS</b>	College of Humanities & Social Science	<b>VPAF</b>	Division of Administration & Finance
<b>CNSM</b>	College of Natural Sciences and Mathematics	<b>ASI</b>	Associated Students, Inc.

# Extramural Grant Submissions

## 5-Year Submission by Fiscal Year

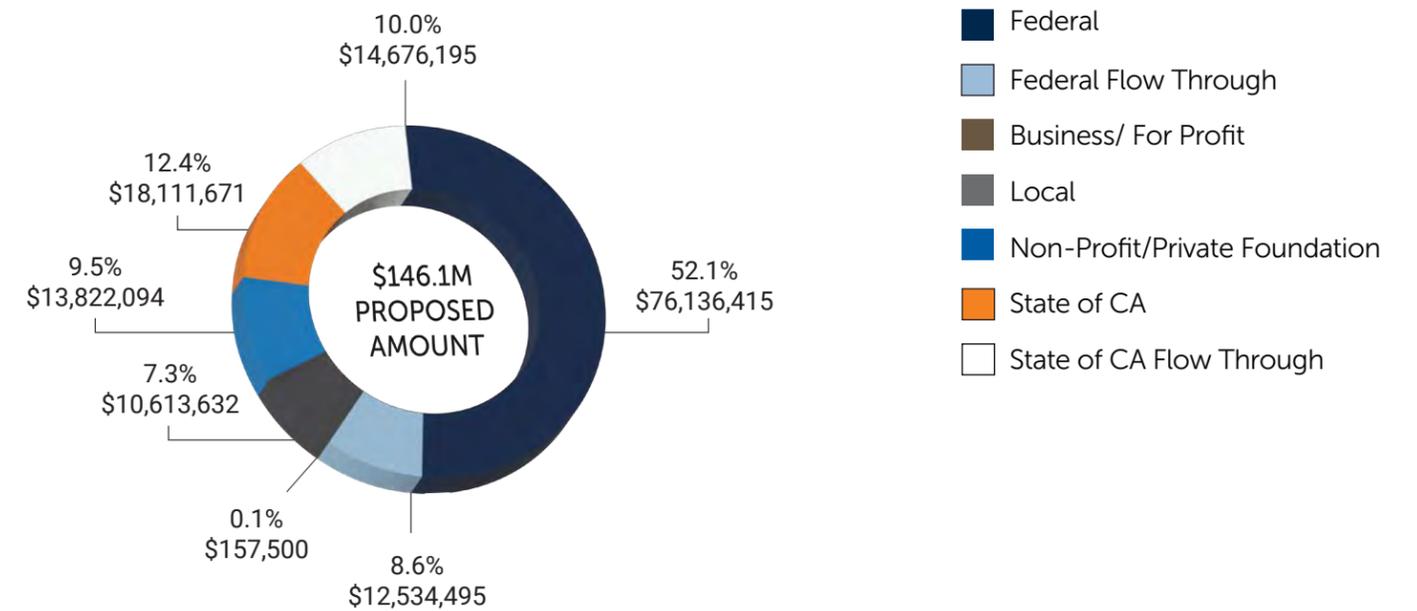


## 5-Year Submission Trend by College/Division



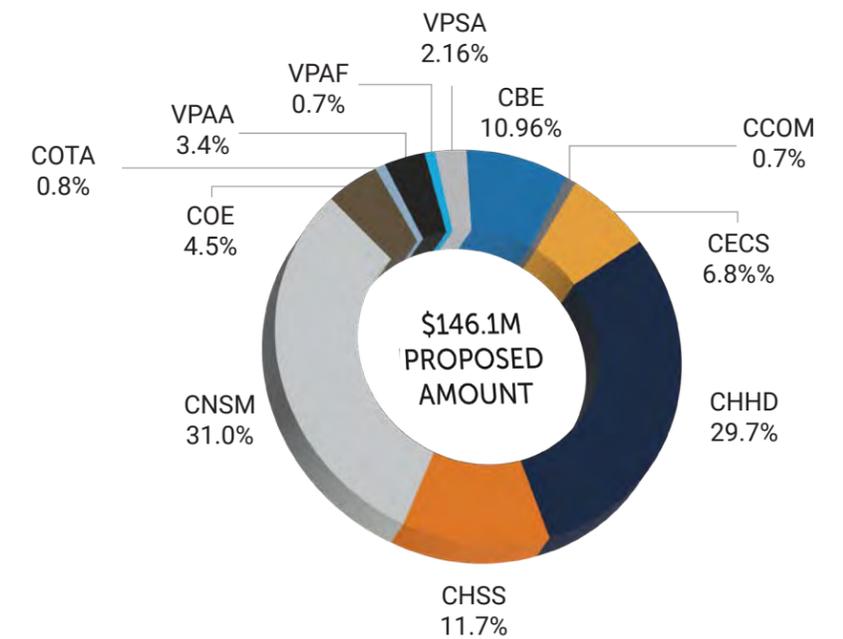
# Submission Snapshot

## 2022-2023 Submissions by Sponsor



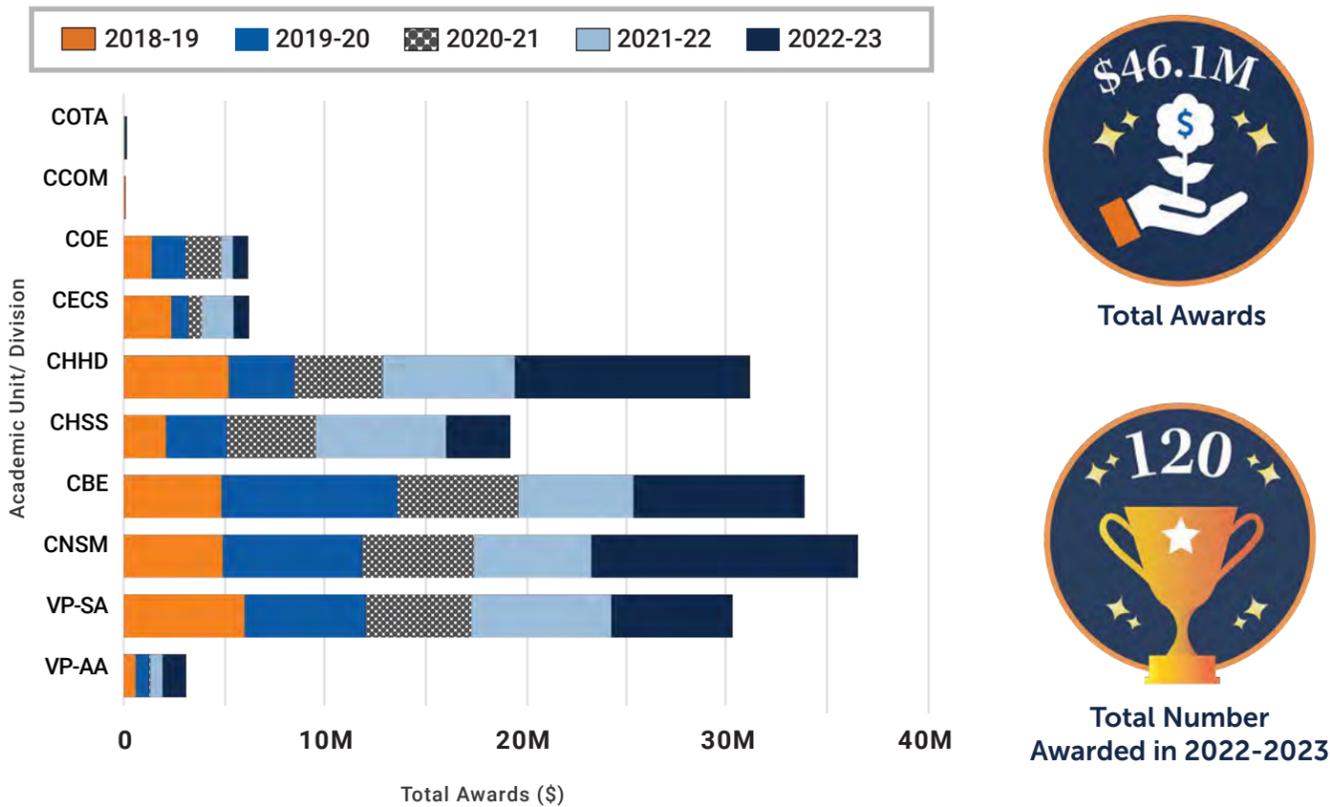
## 2022-2023 Submissions by College/ Division

College	Proposed
CBE	\$ 11,994,979
CCOM	\$ 1,085,229
CECS	\$ 9,926,758
CHHD	\$ 43,374,718
CHSS	\$ 17,106,750
CNSM	\$ 45,222,065
COE	\$ 6,530,289
COTA	\$ 1,131,449
VPAA	\$ 5,001,153
VPAF	\$ 1,030,288
VPSA	\$ 3,648,324

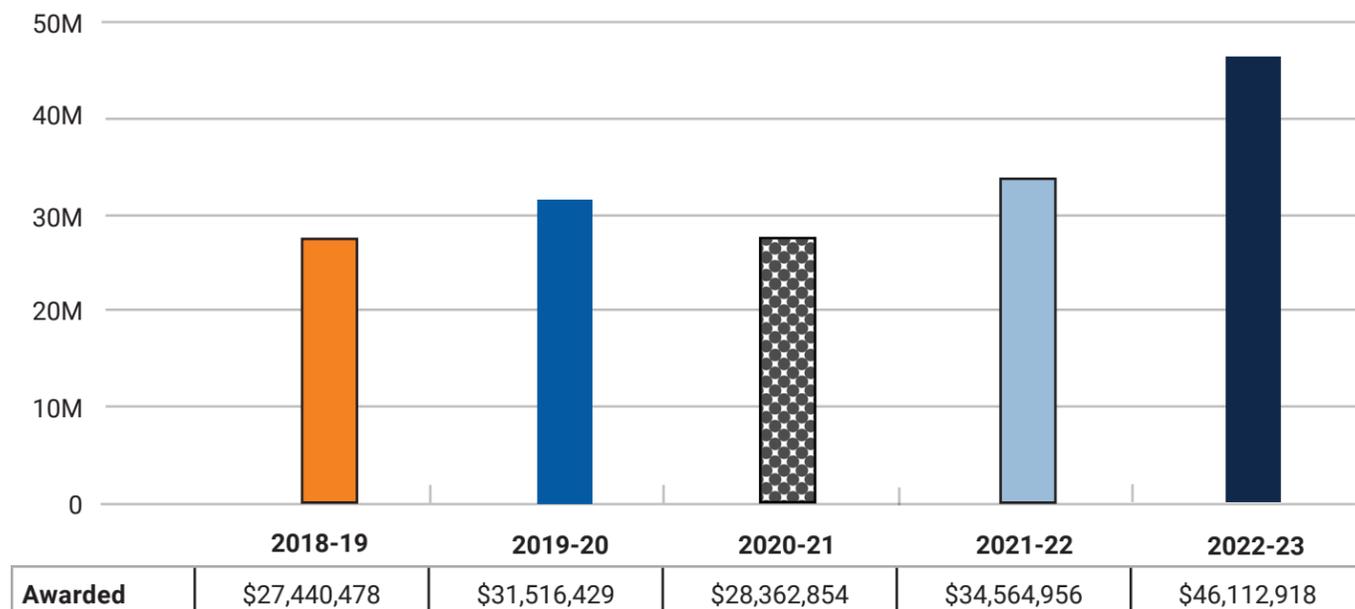


# 2022-2023 Extramural Grant Awards

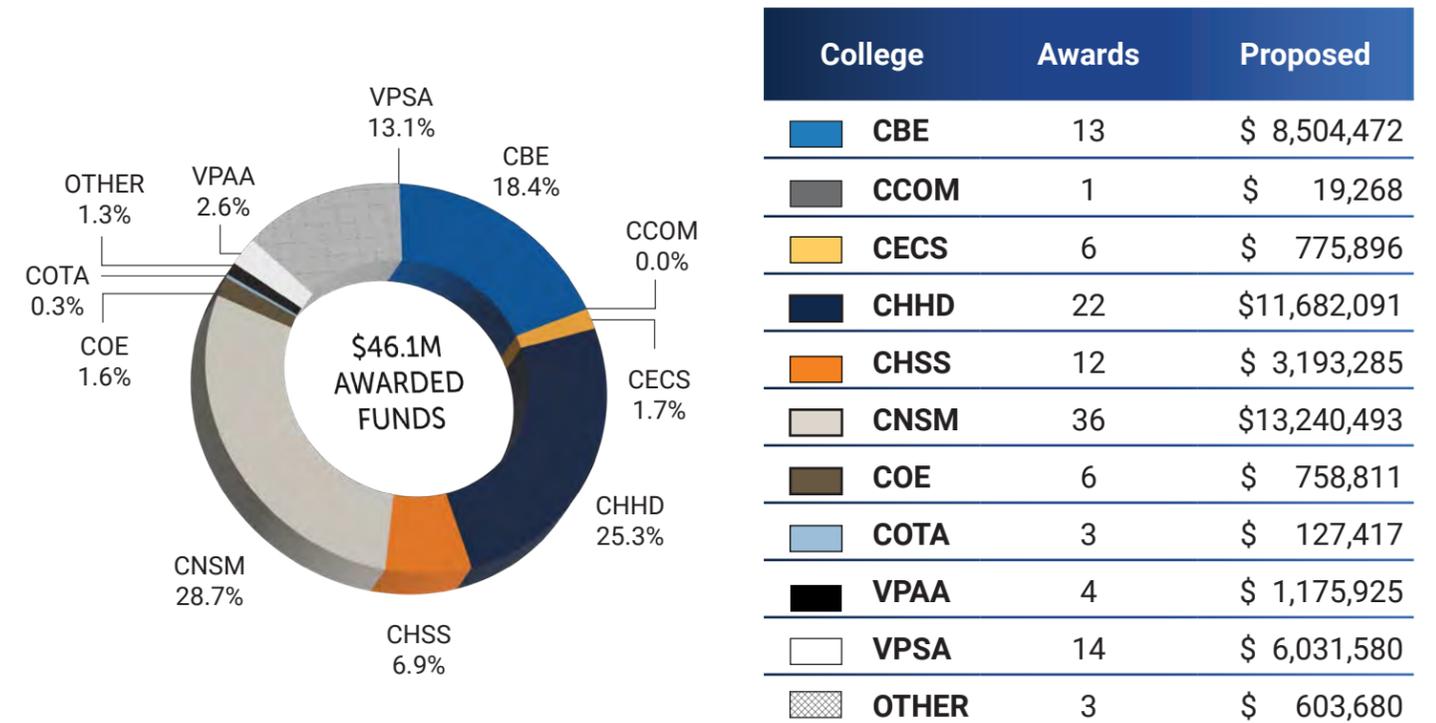
## 5-Year Awards Trend By College/Division



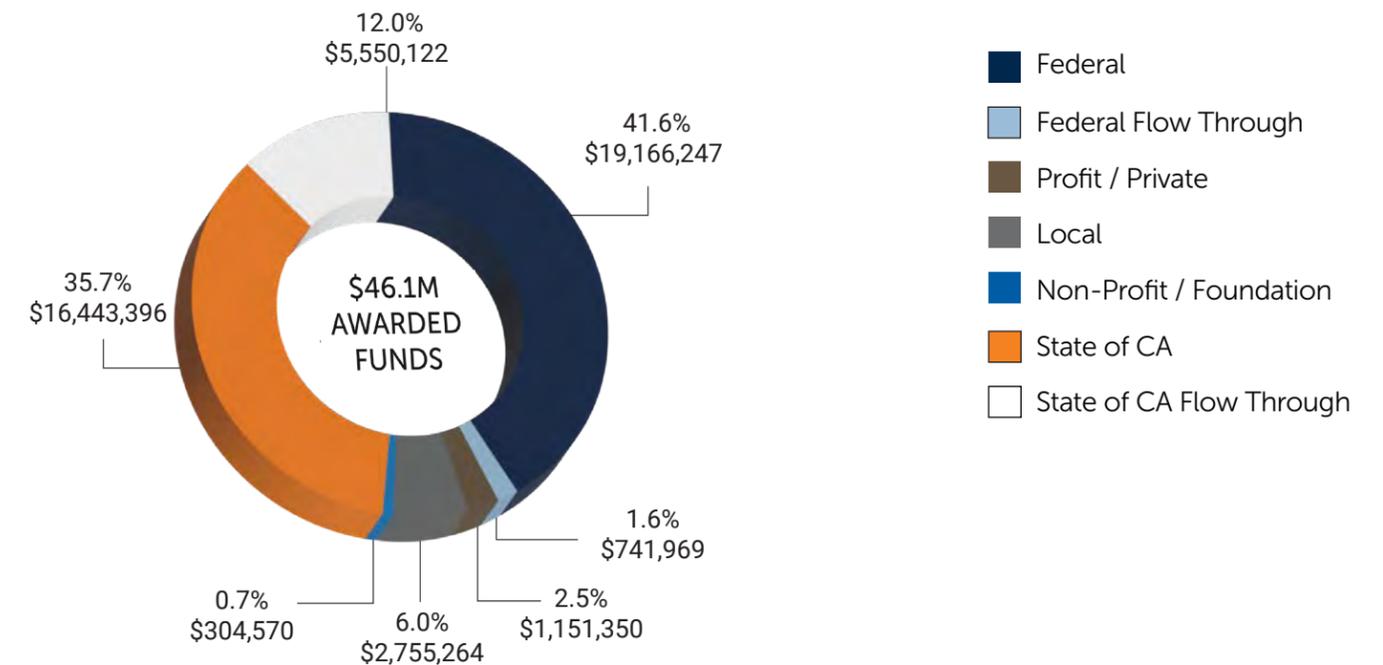
## 5-Year Awards By Fiscal Year



## Awarded \$ by College/Division



## Awards by Sponsor Type



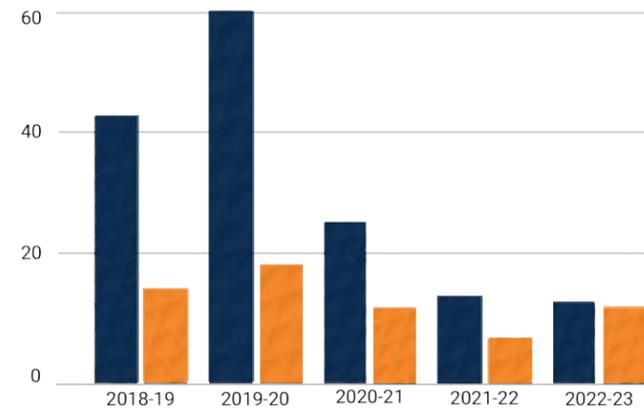
# 2022-2023 Intramural Grant Overview

The Office of Research and Sponsored Projects, through the Faculty Research Committee (FRC), supports faculty scholarship with competitive intramural funding intended to stimulate and support faculty research and creative activities, and to assist faculty in successful competition for external funding.

This support takes the form of two awards:

- Research Scholarship and Creative Activity Incentive (RSCA) grants, which provide up to \$15,000 per award
- Junior/Senior Intramural grants provide up to \$7,500 or reassigned time (3 Weighted Teaching Units).

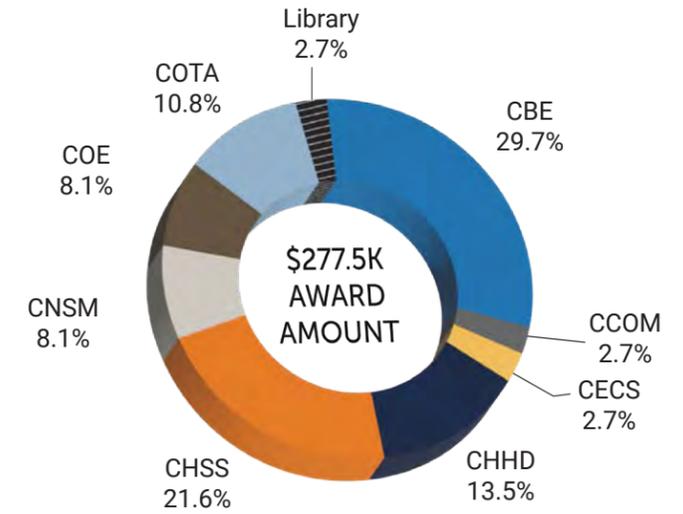
5-Year RSCA Incentive Grants Awards



Year	Applicants	Awardees
2018-19	43	15
2019-20	60	19
2020-21	26	12
2021-22	14	6
2022-23	13	12

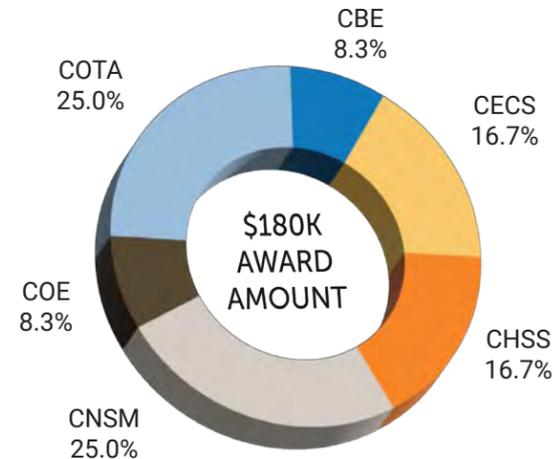
FY 2022-2023 Jr/Sr Intramural Grant Awards

College	# of Awards	Award Amount
CBE	11	\$82,500
CCOM	1	\$ 7,500
CECS	1	\$ 7,500
CHHD	5	\$37,500
CHSS	8	\$60,000
CNSM	3	\$22,500
COE	3	\$22,500
COTA	4	\$30,000
Library	1	\$ 7,500



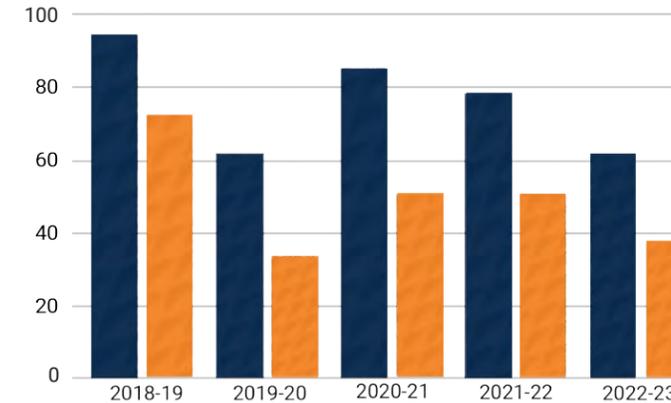
FY 2022-2023 RSCA Incentive Grants Awards

College	# of Awards	Award Amount
CBE	1	\$15,000
CECS	2	\$30,000
CHSS	2	\$30,000
CNSM	3	\$45,000
COE	1	\$15,000
COTA	3	\$45,000



FY 2022-2023 RSCA Incentive Grants Awards

5-Year Jr/Sr Intramural Grant Awards



Year	Applicants	Awardees
2018-19	94	72
2019-20	61	33
2020-21	85	50
2021-22	78	50
2022-23	61	37

Cal State Fullerton



\$1.11M  
64 Awards



\$1.21M  
242 Awards

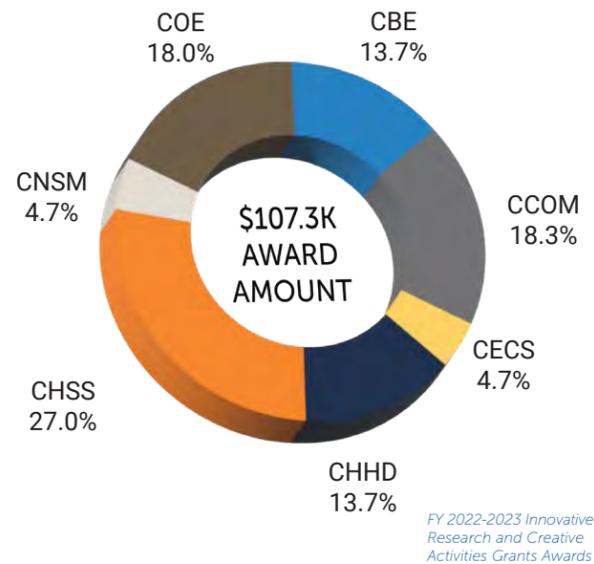
# ORSP Innovative Research and Creative Activities Grant

The ORSP Innovative Research & Creative Activities Grant supports faculty in their research and creative activity goals to explore answers to their innovative inquiries.

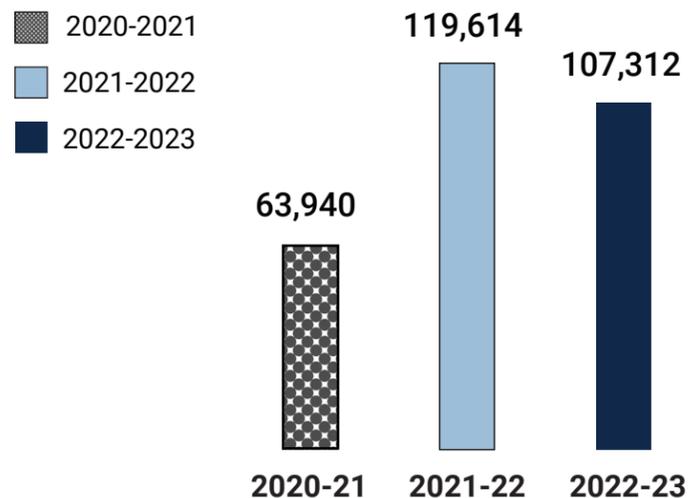


## FY 2022-2023 Innovative Research & Creative Activities Grants Awards

College	# of Awards	Award Amount
CBE	2	\$14,664
CCOM	3	\$19,664
CECS	1	\$ 5,000
CHHD	2	\$14,664
CHSS	3	\$28,992
CNSM	1	\$ 5,000
COE	2	\$19,328

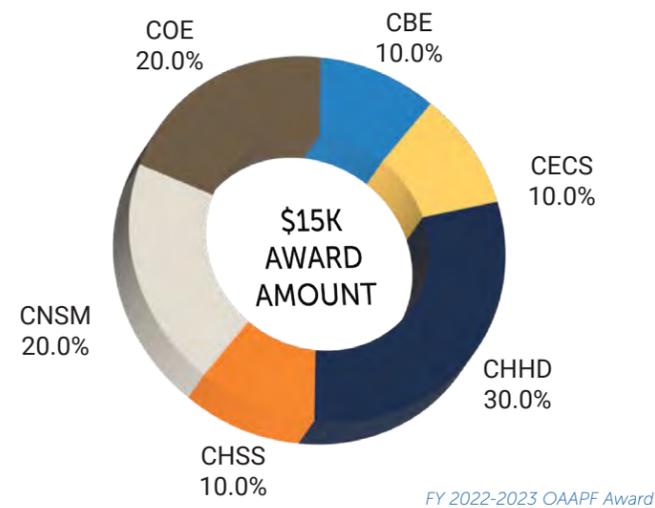


### 3 Year Award by Fiscal Year

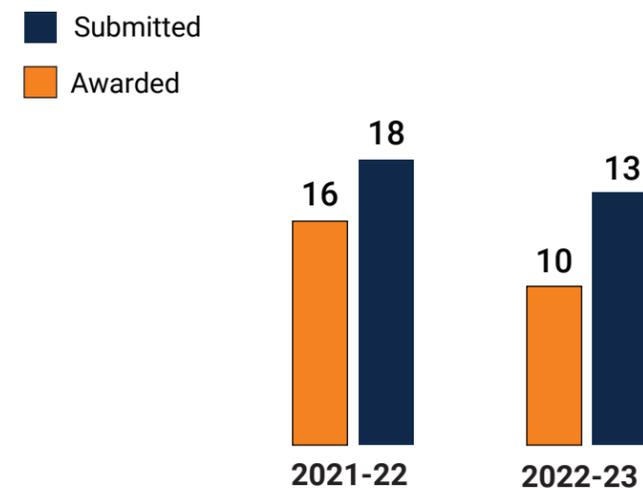


## FY 2022-23 OAAPF Award

College	# of Awards	Award Amount
CBE	1	\$1,500
CECS	1	\$1,500
CHHD	3	\$4,500
CHSS	1	\$1,500
CNSM	2	\$3,000
COE	2	\$3,000



### 2-Year OAAPF Awards



# CSUF Open Access Article Publishing Fund (OAAPF)

Starting Fall 2020, the Office of Research & Sponsored Projects (ORSP) has been the primary sponsor for the CSUF Open Access Article Publishing Fund. ORSP accepts applications on a rolling basis throughout the academic year. Applications are pooled per quarter and competitively evaluated.

**This Pollak Library – ORSP partnership makes Cal State Fullerton the leading CSU supporting faculty research & publishing in open-access journals.**

Applicants who receive Open Access Article Publishing Fund awards receive up to \$1,500 toward publication costs. This fund aims to reduce the financial barriers that might prevent faculty & students from publishing in peer-reviewed, open-access journals.

It thus benefits CSUF authors with greater scholarly readership and potential citations while simultaneously providing reliable, perpetual, free access for all!

Including: Our taxpayers, alumni, and donors.

**For the 2022-2023 Academic Year:** ORSP provided OAAPF to 10 faculty members, totaling \$15,000 in publication support.

# Faculty Travel Grant



The Office of Research and Sponsored Projects (ORSP) established the ORSP Faculty Travel Grant to support tenured and tenure-track faculty members and librarians in their research, scholarship, and creative activities. The grant provides matching funds for domestic and international travel that offers professional development opportunities, eventually helping faculty retention, tenure, and promotion.

For the 2022-23 academic year, the Office of Research and Sponsored Projects awarded **\$52,830** to fifty-four Faculty across CSUF.

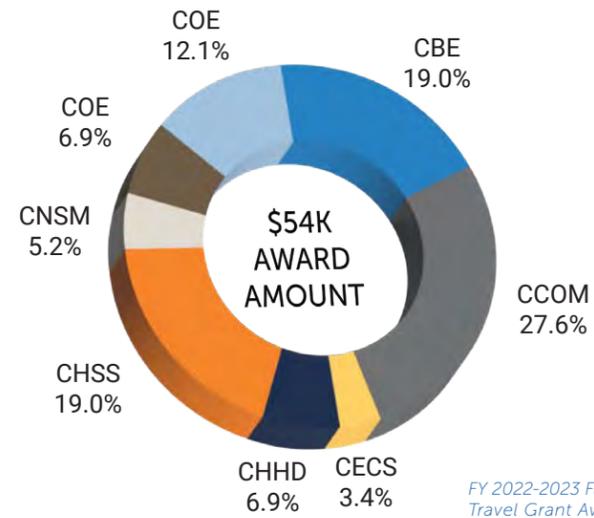
Awards support travel that enable faculty to:

- Present their work at national and international scale peer-reviewed conferences or meetings
- To meet with program officers at external funding agencies, or to attend federal funding agency-sponsored workshops

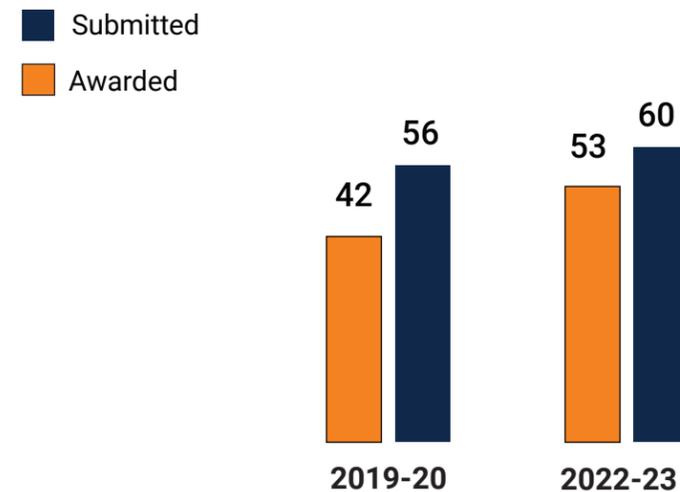


## FY 2022-23 Faculty Travel Grant Awards

College	# of Awards	Award Amount
CBE	11	\$11,000
CCOM	16	\$16,000
CECS	2	\$ 2,000
CHHD	4	\$ 4,000
CHSS	11	\$11,000
CNSM	3	\$ 3,000
COE	4	\$ 4,000
COTA	7	\$ 7,000



## 2-Year Faculty Travel Grant Awards



# Research Compliance

The Research Compliance Office is tasked with ensuring that research at CSUF is conducted safely, ethically, and legally. The Office facilitates the meeting of this goal by coordinating the University's Institutional Review Board (IRB), Institutional Animal Care and Use Committee (IACUC), Institutional Biosafety Committee (IBC), and programs for Responsible Conduct of Research (RCR).



## Institutional Review Board (IRB)

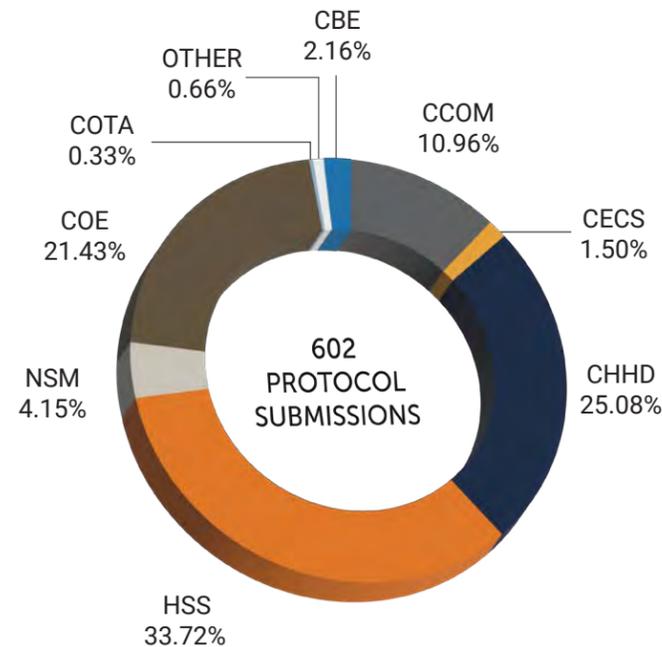
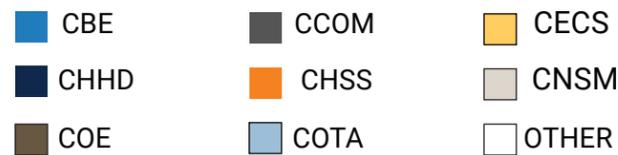
### Protocol Activity

During the academic year, the IRB staff and committee members reviewed and approved a total of 602 protocol submissions. The number of protocols reviewed/approved consists of all the initial, modification, renewal, closure, and incident submissions forwarded to the Compliance Office for review via Cayuse IRB.

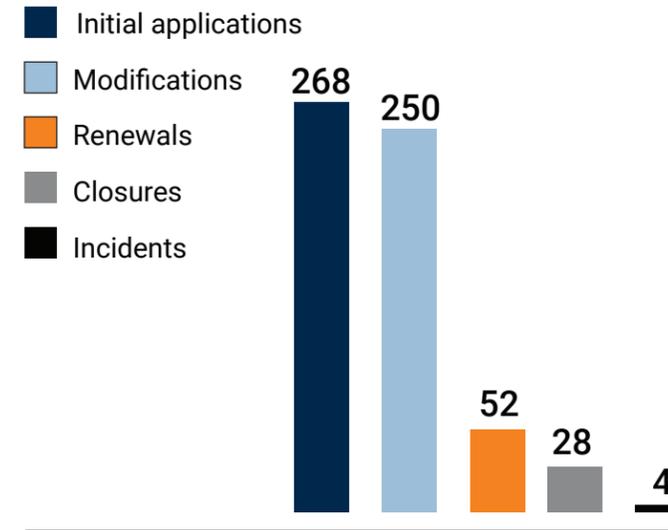
**Note:** Some protocols may have been submitted more than once during the fiscal year for review.

IRB received a total of 424 distinct studies over the course of the academic year.

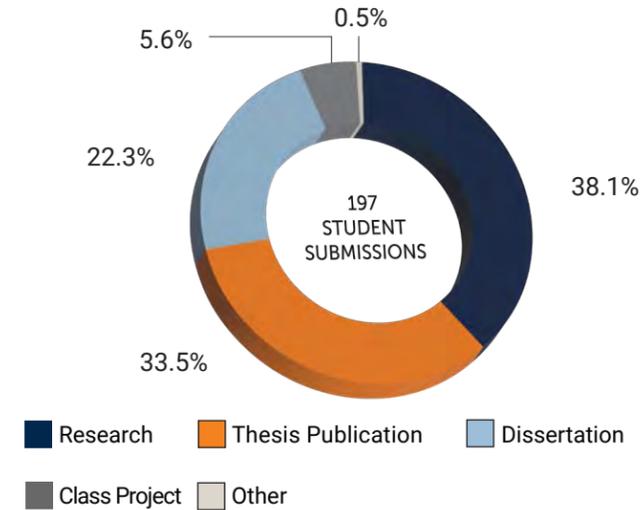
### The majority of the protocols were from



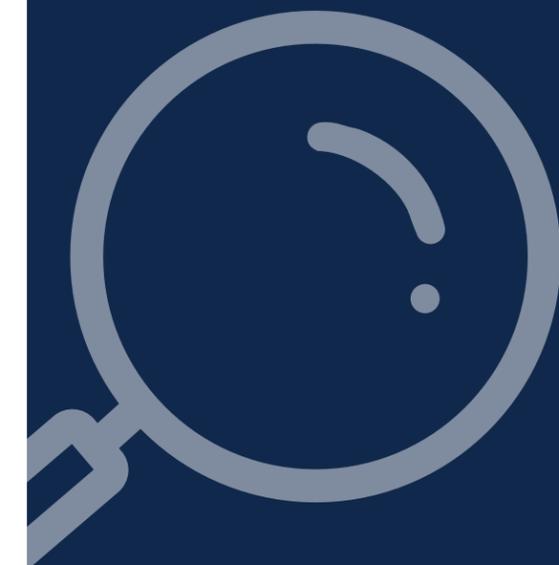
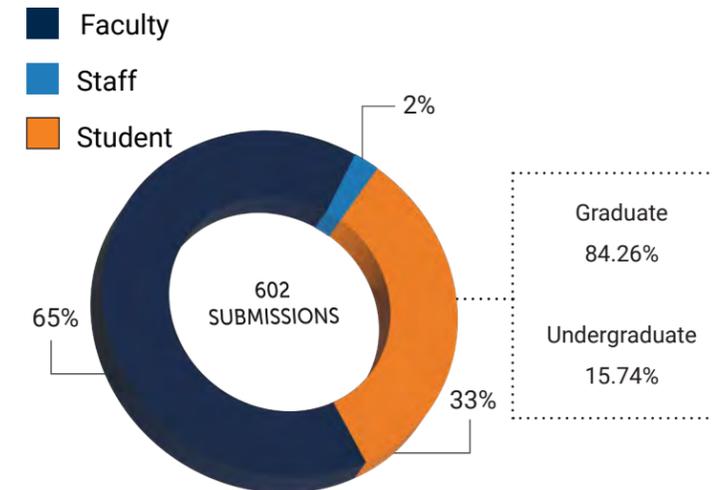
### These submissions consisted of



### Student Submission Type



### Submission by PI



**424**  
TOTAL DISTINCT STUDIES

**602**  
SUBMISSIONS REVIEWED APPROVED

### Review Type

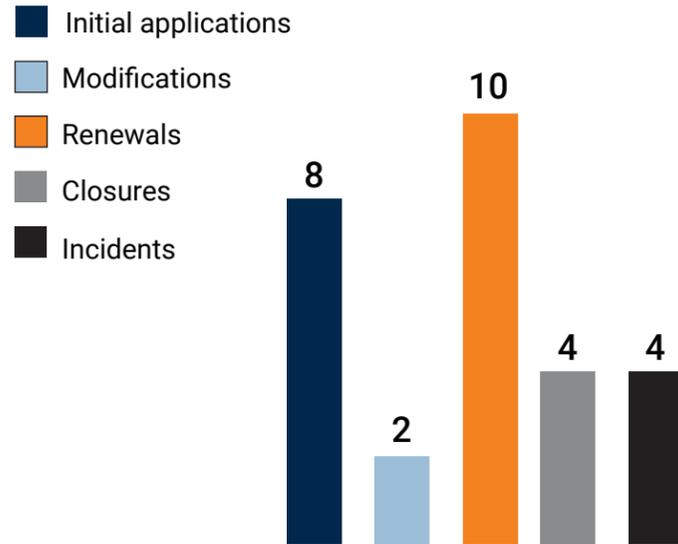


## Institutional Animal Care & Use Committee (IACUC)

### Protocol Activity

During the academic year, the Institutional Animal Care and Use Committee (IACUC) processed and approved 28 submissions. As of now, there are a total of 20 active protocols.

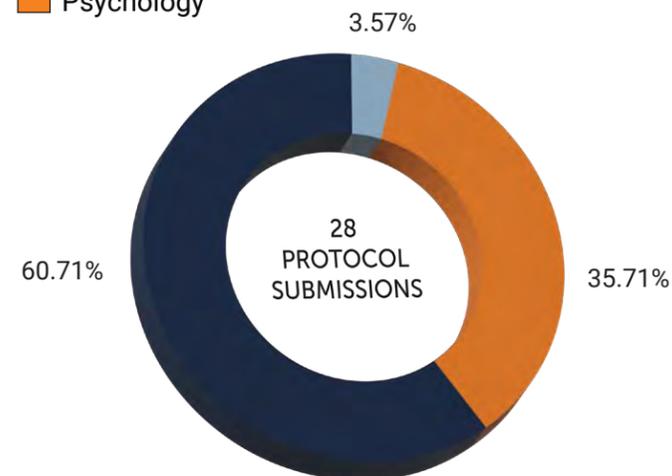
### These submissions consisted of



### The majority of the protocols were from

The Department of:

- Biological Science
- Chemistry & Biochemistry
- Psychology

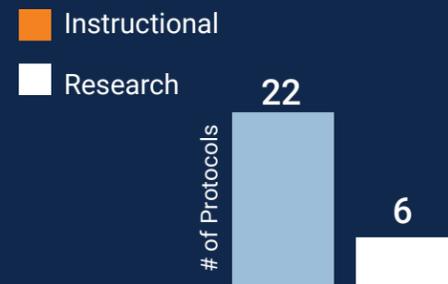


## IACUC

**20**  
ACTIVE  
PROTOCOLS

**28**  
SUBMISSIONS  
REVIEWED  
APPROVED

### Research vs. Instructional



## Institutional Biosafety Committee (IBC)

### Protocol Activity

During the academic year, the IBC processed and approved a total of 11 protocol submissions.

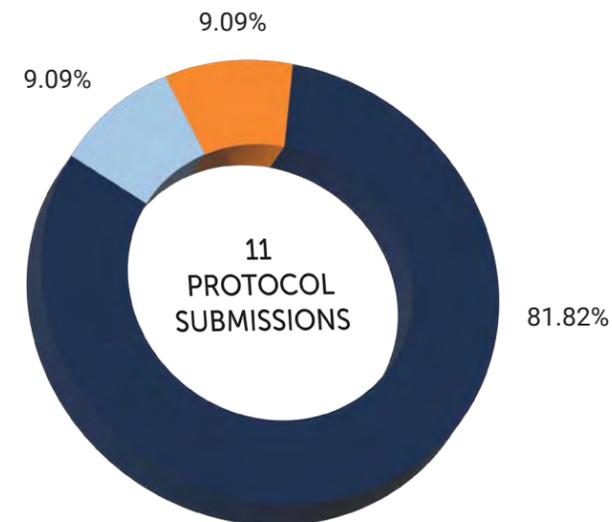
### These submissions consisted of



### The majority of the protocols were from

The Department of:

- Biological Science
- Chemistry & Biochemistry
- Physics



## IBC

**14**  
ACTIVE  
PROTOCOLS

**11**  
SUBMISSIONS  
REVIEWED  
APPROVED



The ORSP Scholarly Publication Faculty Fellowship program has completed its third year!

**SPFF**



**Dr. Carrie Lane**  
 "I love learning about the wonderful work faculty are doing and helping them achieve their publication goals. Serving as the SPFF has made me feel more connected to the broader university community, which has been an unexpected gift."

In future semesters, the ORSP hopes to provide the SPFF's services and support to even more scholars across the university, working to continue and enhance CSUF's excellent record of publishing high-quality, peer-reviewed scholarship.

## Faculty Scholarly Publication Services

Launched in **Spring 2020**, the Scholarly Publication Faculty Fellow (SPFF) supports faculty across the university in editing, revising, and publishing their work. Dr. Carrie Lane, professor of American Studies, has served as SPFF since the program's inception; in spring 2023, Dr. Lana Dalley, professor of English and Comparative Literature, stepped into the role while Dr. Lane served as interim department chair.

**Together, in AY 2022-23, they worked with nearly 30 faculty on 37 manuscripts.** Over the program's tenure, we have now assisted CSUF faculty on a total of 184 manuscripts. While many of these are still under review, more than 60 have already been successfully published as peer-reviewed articles or book chapters. Dr. Lane has enjoyed the opportunity to work with faculty from such a wide range of fields and departments, especially pre-tenure faculty and faculty of color at all levels.

"Serving as the SPFF has been one of the highlights of my nearly 20-year career at CSUF," Lane says.

In AY 2022-23, the SPFF role expanded to include providing editorial support to faculty preparing their sabbatical applications. We will continue to offer that service in AY 2023-24 to any faculty who would like assistance with their applications. The SPFF also offers onsite editorial support for the Faculty of Color Learning Community Gift of Time Writing Retreat, which is held once a semester.

SPFF services are available to all faculty across the university, but we have noticed consistent patterns in terms of which faculty are most likely to utilize support.

**In AY 2022-23, of the faculty who requested SPFF support:**



A majority of those who worked with the SPFF this year were female faculty members (79%) or faculty of color (86%); nearly three-quarters (72%) were female faculty of color.

## Advanced Grant Writing Academy

The Office of Research and Sponsored Projects (ORSP) announced the launch of the 2022-2023 Advanced Grant Writing Academy, cohort 2. This intensive program was offered to Tenured and Tenure-Track CSU Fullerton faculty with some experience in writing and submitting external grant proposal(s) as Principal Investigators.

Selected faculty members worked with the Office of Research Development (ORD) staff and Hanover Research consultants on individualized development plans and received personalized coaching and one-on-one proposal reviews. The program also featured targeted workshops on core grantsmanship skills. At the conclusion of the program, cohort participants revised and resubmitted a previously unfunded proposal to a federal agency.

### Faculty Quotes:

"I thought the presentations last summer were helpful. I also thought the grant editor was very helpful as he provided a lot of great feedback. There was minimal homework involved which was an added bonus!"

"Appreciation for the option to focus on one proposal."

Follow-up from me with resources specific to the project and actionable next steps were useful.

"I appreciated the coordinated support between Hanover and Cal State Fullerton."

Time talking with consultants — either as a consult call or as part of the debrief on the review/revision of a proposal was most valuable.



**Julia Y. K. Chan**  
 Assistant Professor, CNSM  
 Department of Chemistry and Biochemistry



**Jaya Dofe**  
 Assistant Professor, CECS  
 Department of Computer Engineering



**Y. Roselyn Du**  
 Associate Professor, CCOM  
 Department of Communications



**Daoji Li**  
 Assistant Professor, CBE  
 Department of Information Systems and Decision Sciences



**Micheal McAlexander**  
 Professor, CCOM  
 Department of Chemistry and Biochemistry



**Gabriela Nunez**  
 Associate Professor, CHSS  
 Chicana and Chicano Studies

# Student Research, Scholarship & Creative Activities:

Majority of the student research and creative activities programs at Cal State Fullerton are administered through CSUF's newly established Undergraduate Research Opportunity Center (UROC) that focuses on fostering research, innovation, scholarship, and creative activities.

The center, under the Office of Research and Sponsored Projects (ORSP), is located on the second floor of Pollak Library in Suite 203.

UROC was established in 2022 with the financial support from the Scott-Jewett gift and ORSP's internal funding. UROC's programs and future endeavors align with the university's mission to cultivate lifelong inquiry, scholarship, creative activities, and critical thinking in efforts to close the educational equity gap. President Virjee inaugurated the center in Spring 2023 by ribbon-cutting at the UROC Grand Opening ceremony.



The Office of Research and Sponsored Projects promotes and expands opportunities for faculty-student research and creative activities that increase student engagement, learning and success; Identifies and provides resources needed to support student scholars and faculty mentors and enhances campus student research.

Organizes on-campus events:

CSU Student Research Competition (SRC)

Student Creative Activities and Research (SCAR) Day

Increases student participation in off-campus student research and creative activities related events:

CUR STR Program

Southern California Conference for Undergraduate Research (SCCUR)

National Conference on Undergraduate Research (NCUR)

## CSU – SRC 2023

UROC administered the CSUF - CSU Student Research Competition 2023. Three informational workshops on preparing for the CSUF-CSU SRC, including content on the competition, timeline, preparation, and review criteria were provided to students.

Four Titan Researchers received top awards at the 37<sup>th</sup> annual competition, showcasing outstanding research and creativity across the CSU's 23 campuses.



1<sup>st</sup>



**Alondra Cervantes**

Undergraduate,  
Child and Adolescent  
Studies, CHHD

"Latina Mother's  
Understanding  
of Common Core  
State Standards"

Faculty mentor: Guadalupe  
Díaz Lara

1<sup>st</sup>



**Trina Miller**

Undergraduate,  
Biological Science, CNSM

"Talking Trash-  
categorizing and  
quantifying marine  
debris on the rocky  
shores of San Pedro, CA."

Faculty mentor: Jennifer  
Burnaford

2<sup>nd</sup>



**Kaitlyn Kern**

Graduate,  
Biological Science, CNSM

"A Morphological  
Investigation of the  
Holocephalan Tenaculum  
Through Ecology."

Faculty mentor: Erin (Misty)  
Paig-Tran

2<sup>nd</sup>



**Dema Ramlaoui**

Undergraduate,  
Biological Science, CNSM

"Lactic Acid Bacteria  
Lactocaseibacillus  
rhamnosus "R3" Inhibitory  
Activity Against ESKAPE"

Faculty mentor: Maria  
Soledad Ramirez



# SRC 2023



## Winners:



- Alondra Cervantes
- Trina Miller



- Kaitlyn Kern
- Dema Ramlaoui

Applicants from six colleges submitted for the CSUF SRC.

A total of 25 (one team of two submitted, for a total n = 24 projects) CSUF students applied to the CSUF Student Research Competition.

Number of applicants by discipline:

CECS	CNSM	CHHD	CHSS	COTA
7	11	2	3	1

# FINALISTS

## College of the Arts

**Lauren Weiss**, Art History  
 "Latina Mother's Understanding of Common Core State Standards" **Faculty Mentor:** Joanna Roche, Professor of Art History, and Camila Maroja, Assistant Professor of Art History

## College of Engineering and Computer Science

**Annabelle Recinos**, Civil Engineering  
 "Computation of Corrosion Initiation Time for Zeolite Based High Performance Concrete." **Faculty Mentor:** Pratanu Ghosh, Professor of Civil and Environmental Engineering

**Mark Rangel & Gio Sanchez**, Mechanical Engineering, "Study on Smart Reconfigurable Drone Technology for Search and Rescue in Natural" **Faculty Mentor:** Sagil James, Associate Professor of Mechanical Engineering

## College of Humanities and Social Science

**Katherine Heaton**, Sociology  
 "Bans off my Body: Abortion Rights Movement on Twitter Following the Overruling of Roe v. Wade" **Faculty Mentor:** Carter Rakovski, Professor of Sociology

## College of Natural Sciences and Mathematics

**David Ngo**, Biological Science  
 "Antibiotic resistance" **Faculty Mentor:** Marcelo Tolmasky, Professor of Biological Science

**Cindy Le**, Biochemistry  
 "Computationally Probing the Reaction Between Photo base and Lewis Acid" **Faculty Mentor:** Andrew Petit, Associate Professor Physical and Theoretical Chemistry

# SCAR DAY

April 17th, 2023

1<sup>st</sup>

Biological science major Samantha Hubbard won a first place award for her research focusing on desert tortoises.



Samantha Hubbard  
 Undergraduate,  
 Biological Science, CNSM

Student Creative Activities Research (SCAR) Day provides CSUF students the opportunity to showcase their research, scholarship, and creative activities. It's a unique experience for undergraduate and graduate students to present work across all disciplines in a friendly, conference-style format.

"SCAR Day is an amazing opportunity to learn more about student work and join as a community to celebrate our student and faculty accomplishments!"

A range of 51 poster presentations were showcased at the event, featuring both individual and team presenters from various disciplines. Among these, 39 posters were presented by undergrad students, while the remaining 12 were led by graduate students.

The conference-style format attracted an impressive turnout of over 130 students and faculty members. Notably, undergraduate and graduate students from all eight colleges were honored with top awards.



# White House Conference on Hunger, Nutrition, and Health (CSUF Satellite, Two-Week Event)

This in-person event featured faculty speakers with expertise in nutrition, hunger, food and culture, and social determinants of health. Campus groups such as Tuffy's Basic Needs and Services made presentations during the event. The event comprised of working group meetings with faculty from four disciplines and three other organizations on campus.

Data on participation is as follows:

More than 80 participants (faculty, students & staff); including more than 60 students from the colleges of HHD and HSS.

The in person symposium comprised of talks from four faculty and two staff. Seven instructors from two colleges on campus incorporated the White House Conference discussion questions in their curriculum across four courses and 11 sections with a total enrollment of approximately 403 students.

The questions were presented to the students in either a discussion board activity, a class discussion, or a writing assignment.

More than 80 students responded to the discussion questions, and 245 answers were recorded in reply to the five discussion questions and two additional questions related to hidden hunger.

ORSP provided OAAPF to 10 faculty members, totaling \$15,000 in publication support.



# Scholars Transforming Research Program (STR)



A six-month enhanced program event that has replaced Posters on the Hill and REU Symposium while drawing on their successes. The STR program is a unique professional development opportunity for faculty/mentors and undergrad research students. In teams of up to three - two students and one team leader - participants have garnered advocacy and communication skills to leverage the impact of their undergraduate research experience by conveying their stories to stakeholder groups.

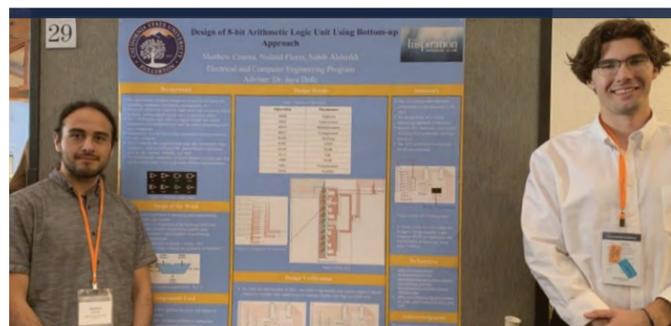


Six CSUF teams comprising 14 faculty and students from four CSUF colleges and the UROC director participated and attended the 2-day STR workshop sponsored by CUR in Alexandria, Virginia.

UROC coordinated the scholars, including pre-conference training, **day of conference support**, and assistance with all travel logistics. Additionally, UROC developed helpful materials for travel tips to facilitate their journey.

During the year, teams have participated in workshop topics are as follows:

- Policy Brief Writing
- Op-ed Writing and Pitching
- Engaging with Federal Policymakers
- Engaging with Government Agencies
- Policy Mapping and Navigating Your Network
- Connecting & Building Relationships with Policymakers



## Research Methods Workshop

In collaboration with the Department of Public Health, UROC sponsored a research methods workshop with ten faculty/scholars from CSUF, external institutions, and NIH, who presented on research methods. The workshop briefly described the beginnings of a research study and the content and structure of a manuscript.

More than 200 participated:

Among the 164 responses we received, data are as follows:



## SCCUR 2022

The Southern California Conference for Undergraduate Research (SCCUR) Annual Conference was held on November 19, 2022 at Pepperdine University, Malibu, CA. Nearly 140 CSUF students and faculty mentors were accepted to showcase their work at the conference. ORSP and UROC supported student registration to attend the conference.

Undergraduate students across many disciplines presented scholarly & creative research on topics such as language literacy for bilingual speakers, emotion regulation, cancer disparities, Titan Providence, Alzheimer's disease therapeutics, microgravity experiments, and much more!



## The First-Gen Kick-Off Event

The First-Gen Kick-Off event sponsored by the Provost's office elicited an exuberant crowd at the UROC table. Four undergraduate students from engineering and public health who have participated in recent UROC-sponsored programs, a graduate student from psychology, and the UROC director interacted and answered questions from California State Fullerton undergraduate students.

**Nearly 60 students completed an interest form to learn more about UROC and scholarly and creative research opportunities.**

The UROC table set-up included two large research posters, four small research posters, QR codes for our twitter and Instagram pages, information cards, a photo board with recent activities, an interactive game and prizes.

# National Conference on Undergraduate Research

National Conference on Undergraduate Research (NCUR) 2023-22 abstracts via CSUF faculty and students were submitted for review to NCUR 2023. NCUR 2023 was held in Eau Claire, Wisconsin.

A total of 21 abstracts were accepted, **one – faculty** and 20 students.

## Student Abstracts:



# NCUR

ABSTRACTS

## Presentations were on topics such as:

Feeding the Spark of Creative Inquiry Through Community-Engaged Practices: A Developing Model

Capturing the Nuances of Written Language Learning in 5 Beginning Writers

“Don’t Upset Your Grandmother”: Disclosure Patterns of Latina Childhood Sexual Abuse Victims

Data-Driven Real-time Infectious Disease Surveillance App and Dashboard

Assessment of Hardware Obfuscation for Hardware Oriented Security

Partners4Literacy: A Comparative Classroom Discourse Analysis During Delivery of Readtopia Instruction

The Role of Spanish-language Press in the United States in the First Half of the Nineteenth Century

Deformity and Mortality in Zebrafish Larvae Exposed to Valproic Acid



# RSCA Introductory Skills Development (ISD) Workshops

Have you ever wondered what goes into research, scholarship, and creative activities (RSCA) and how to get started? Come learn more about RSCA - the who, what, when, where, and how through our RSCA Introductory Skills Development (ISD) Workshops led by Dr. Allyson Fry-Petit.



“We’ll dive into strategies on how to find a RSCA opportunity, the nitty-gritty of poster presentations, abstracts and elevator pitches. Come on by! We’re here for you!”

## Data Analyses in R/R Studio Workshops

In this workshop series, students were introduced to data analyses in R/R Studio. The main objective of the workshops are for participants to learn and understand how to initiate and perform basic data analyses using the R/R Studio statistical software

Workshop	Attendees
Coding data in R (Feb 27th)	43
Data cleaning, Manipulation, and Organization in R (Mar 6th)	33
Data Visualization in R (Mar 13th)	40
Descriptive Data Analysis in R (Mar 20th)	44
Inferential Analysis in R (Apr 3rd)	34

## UROC Introductory Skills Development Workshops

UROC Introductory Skills Development workshops were offered both in-person and virtually.

Workshop	Attendees
ISD - How to go about finding a RSCA opportunity? (February 14 th)	5
ISD - What are the benefits of doing RSCA? (February 21st)	7
ISD - Poster ins and outs (March 7th)	10
ISD - Abstract and Summary Preparation and Elevator Pitches (April 25th)	5
ISD - Manuscript Preparation (May 9th)	0

# Summer Undergraduate Research Academy (SUREA) 2022

Forty undergraduate students had been engaged with 27 faculty mentors across campus in the [funded] faculty-mentored research and creative activities projects under the second cohort of the Summer Undergraduate Research Academy (SUREA) project that took place virtually from June 6 through August 5, 2022. Students presented their research work at the SUREA Symposium on August 5.

Student participants and their faculty mentors are listed below.

College	Department	Student	Project Title	Faculty Mentor
CCOM	Communication Sciences and Disorders	Amy Vanessa Garcia & Zachary Bucci	The effects of Family Sex Communication on young adult's sexual communication behaviors	Tara Suwinyattichaiorn
CECS	Mechanical Engineering	Levant Ho & Mark Rangel	Application of Shape-Memory Materials to the Design and Fabrication of Drones	Sagil James
CECS	Mechanical Engineering	Erica Jiang & Justin Diamond	Hydrodynamics of Marine Life: Tracking drags mounted on green sea turtles	Salvador Mayoral
CECS	Computer Engineering Program	Peter Tran & Woo Kim	Machine Learning Algorithm for Power Management of Micro-autonomous Drones	Rakesh Mahto
CHHD	Child and Adolescent Studies	Rebekah Caldon	The literacy skills of heritage bilinguals: A quantitative pilot study	Natsuki Atagi
CHHD	Child and Adolescent Studies	Alondra Cervantes	Pre K and Transitional Kindergarten Spanish and English Language Development	Guadalupe Lara-Díaz
CHHD	Public Health	Heather Franson	Examining the Association Between Endometriosis and Pregnancy Outcomes	Alice Lee
CHHD	Kinesiology	Alberto Garcia	The relationship between postural control and motor control proficiency in obese people with/without Prade Willi Syndrome	Daniela Rubin
CHHD	Kinesiology	Vincent Vuong	Relationship between catecholamines and lactic acid in obese children	Daniela Rubin
CHHD	Public Health	Kristen Ojeda	The Relationship between Caregivers of Alzheimer's Disease and General Caregivers of Elderly	Joshua Yang
CHSS	History	Hattie Alcalá	Women in the 19th-century post-U.S. conquest in California	Margie Brown-Coronel
CHSS	Sociology	Jen Laughter	Socioeconomic Factors Impact Experiences of Economic Abuse Among Mothers	Devon Thacker Thomas
CHSS	Psychology	Kathy Tran	The Role of Student Cultural Organizations and Co-Ethnic and Intra-minority Friendships in Southeast Asian American Students' Belonging in College	Angela-MinhTu Nguyen
CHSS	Chicana/o Studies	Allyson Blanco & Vanessa Washington	Archives of Mortality: Year 2 of Remembering Year 1 of the Racialized Pandemic for Latinx Communities with Cariño	Mario Obando

College	Department	Student	Project Title	Faculty Mentor
CNSM	Chemistry & Biochemistry	Garrett Mahler	Synthesis of Compounds for Use as Negative Thermal Expansion Materials	Joya Cooley
CNSM	Chemistry and Biochemistry	Luis Hernandez Lopez	Intercalation of Photobases Between 2D Layered Inorganics	Allyson Fry-Petit
CNSM	Chemistry and Biochemistry	Anjohny Pham	Determining the possible structures of 2-D SiO <sub>2</sub> and its application towards electronics	Michael Groves
CNSM	Biological Science	Megan Peukert	Desert tortoises at the extreme part of their range as potential predictors for how the species will respond to climate change	Bill Hoese
CNSM	Geological Sciences	Ashley Hansen	Pre-20th Century Wildfire History of Chino Hills State Park, California, Re-constructed from Microscopic Charcoal Counts	Matthew Kirby
CNSM	Biological Science	Alyssa Ng	Purification of MopA	Hope Johnson
CNSM	Chemistry and Biochemistry	Abby Anatasi	Characterization of acetate modifications in Polypyrimidine Tract Binding Protein 1 RRM4 in RNA binding affinity(Abby Anatsi)	Niroshika Monerawila Keppetipola
CNSM	Chemistry and Biochemistry	Azeem Horani	Understanding the Role of Acetylation in Polypyrimidine Tract Binding Protein 1 RNA Recognition Motif 3	Niroshika Monerawila Keppetipola
CNSM	Mathematics	Cedar Hofstetter & Olga Luna Flores	Supports and Challenges for CSUF Mathematics Faculty as They Transition to Active and Equity-Minded Instruction	Alison Marzocchi
CNSM	Chemistry and Biochemistry	Jasmine Chi	Design, Synthesis, and Biological Evaluation of Donepezil-based Analogs as Potential Alzheimer's Disease Therapeutics	Stevan Pecic
CNSM	Chemistry and Biochemistry	Celine Diep	Computational Studies of a Reaction Driven by Blue Light(CELINE)	Andrew Petit
CNSM	Chemistry and Biochemistry	Mark Cruz	Photochemistry: Application of Photobases for Greener Chemistry	Andrew Petit
CNSM	Biological Science	Vyanka Mezcord	Characterization of Cefiderocol (CFDC) heteroresistance in carbapenem-resistant Acinetobacter baumannii (CRAB) cells after exposure to human pleural fluid	Maria Ramirez
CNSM	Biological Science	Nardin Georgeos	Lactic Acid Bacteria with Antimicrobial Activity against Acinetobacter buamannii	Maria Ramirez
CNSM	Biological Science	Kathy Thien & Melissa Fernandez	Defining the microbiota's response to and influence on immune defense in long-lived and short-lived populations	Parvin Shahrestani
COTA	Theatre/Dance	Brienne Thurber & Thomas Keenan	Entertainment Origins: Researching and Documenting Historic European Theaters	JR Norman Luker
COTA	Visual Arts	Kimberly Ruiz	Breaking Cycles of Violence: Using Art and Healing to Improve Inmate Well-Being	Mary Pomonis
COTA	Visual Arts	Matthew Gonzalez	Create Unique Visual Arts Lessons to Help the Memory Care Participants Connect to their Memories and Feelings	Mary Pomonis

# Research Enterprise

Under the Division of Academic Affairs, ORSP is led by an Associate Vice President (AVP) for Research and Sponsored Projects. Over 40 staff, faculty, and students work in the enterprise through 5 distinct areas to support campus research, scholarship, and creative activities.

The central ORSP office oversees the ORSP's sub-units, administers budget and HR processing, manages intramural grants, and promotes campus RSCA.



## OSP

### Office of Sponsored Programs

As a unit of the CSU Fullerton Auxiliary Services Corporation, OSP oversees the post-award administration of grants and contracts awarded to the university through the CSU Fullerton Auxiliary Services Corporation. Services include invoicing and grant accounting, submission of required reports (e.g., effort reporting), maintaining records of compliance, handling audits, and negotiation of the University's indirect cost agreement.

## ORC

### Office of Research Compliance

ORC ensures university-wide compliance with federal, state, local, and funding agency policies and regulations that involve research and creative activities, including use of human and animal subjects, institutional biosafety, and policies regarding conflict of interest and responsible conduct of research.

## ORD

### Office of Research Development

ORD assists faculty in identifying funding sources for their research and creative activity, promotes institutional programming and collaborative grant development, and provides guidance, training, and assistance in preparing high-quality, competitive proposals.

## OGC

### Office of Grants & Contracts

OGC assists with proposal preparation, review, and submission to external funding agencies; ensures compliance with agency requirements; reviews grant awards and serves as a lead in issuing, reviewing, and negotiating contracts, subcontracts, and related agreements.

## UROC

### Undergraduate Research Opportunity Center

UROC promotes and expands opportunities for faculty-student research and creative activities that increase student engagement, learning, and success; Identifies and provides resources needed to support student scholars and faculty mentors and enhance campus student research climate; Organize on-campus events, including Summer Undergraduate Research Academy (SUREA), CSU Student Research Competition SRC), and Student Creative Activities and Research (SCAR) Day; Increase student participation in off-campus student research competitions (SCUR, NCUR, CUR STR); and provides professional development opportunities to students and faculty mentors.



# Research Enterprise Professional Development Retreat

On November 4, 2022, the various units under the CSUF Research Enterprise convened at a daylong retreat to take a step back from the day-to-day work of proposal development, submissions, managing post-award tasks, and reviewing compliance protocols - at the Fall 2022 staff retreat. The theme for the retreat was "Vibrancy in the Workplace," led by Dr. Jessie Jones and Dr. Laurie Rodes, former deans of the CSUF College of Health and Human Development.

This retreat provided the research enterprise staff opportunities to reflect on the energy and what drives us in the workplace. In addition, the staff participated in hands-on, self-exploration, and team-building activities. Overall, the retreat provided time for the team to rejuvenate, get everyone excited about a joint mission, set goals for the upcoming year, and build bonds among team members.



## Attendees Evaluation:

“

So positive, felt great that our group works together so well and we are open to maintain and improve relationships with each other and the CSUF Community.

“

I enjoyed the teambuilding activities and helping me view things from multiple perspectives.

”

“

The sense of camaraderie with individuals I don't normally work closely with.

”

I enjoyed seeing everyone smiling, embracing the presentation and just having a great time!



# The Office of Research and Sponsored Projects **RESEARCH WEEK**

## Monday, April 17th

**Keynote Speaker:** Building a Thriving Research Culture in Comprehensive Academic Institutions by Mohamed Abousalem, Ph.D., MBA

**Student Creative Activities and Research (SCAR) Day:** SCAR Presentations, Lightning Oral Talks, Student Awards and Reception

## Thursday, April 20th

**L. Don Shields Excellence in Scholarship and Creativity Award Lecture:** John Koegel – Professor of Music

**ORSP Award Recognition:** Principal Investigator Awards and Submissions

## Tuesday, April 18th

**Faculty Panel:** Research, Scholarship, and Creative Activities at CSUF followed by Q&A Featuring diverse faculty from across campus

**Navigating Research Compliance:** Discussions with committee Chairs for IRB, IACUC, and IBC

## Friday, April 21st

**Tea With The AVP of Research and Sponsored Projects:** Dr. Binod Tiwari

## Wednesday, April 19th

**Grant Writing Workshop Presented by Hanover Research and ORSP:** Grant-seeking throughout the Faculty Lifespan

**Office of Research Development Drop-In Hour:** Support in planning any upcoming Grants

# Grant Writing Workshop

During the Office of Research and Sponsored Projects Research Week 2023, the Office of Research Development (ORD) and Hanover Research co-hosted a faculty proposal development workshop, Grant-Seeking Throughout the Faculty Lifespan.

This interactive workshop highlighted effective ways faculty can use their existing scholarship to identify and apply for external grant opportunities.

### Attendees learned:

- 1) The critical considerations in grant preparedness
- 2) The value of developing a concrete concept paper
- 3) Strategies for Program Officer outreach.
- 4) How to find, interpret, and vet research and programmatic funding opportunities



## L. Don Shields Excellence in Scholarship & Creativity Award Lecture

Hearing the Past through the Present: Mexican American Music & Theater in Southern California since the 1850s



Dr. John Koegel teaches various undergraduate music history courses and graduate musicology seminars. He researches U.S., Mexican, and Latin American musical topics from the 18th century to the present, particularly musical theater and Music in the context of ethnicity and immigration.

**His book *Music in German Immigrant Theater: New York City, 1840-1940* (University of Rochester Press, 2009) was given the Irving Lowens Book Award of the Society for American Music.**

He is currently working on the extensive scholarly musical edition *Mexican American Music from California, circa 1840-1940: The Lummis Wax Cylinder Collection and Other Sources for the Music of the United States of America* series (for A-R Editions and the American Musicological Society), and the book *Music and Theater in Mexican Los Angeles, 1840-1940*.

Dr. John Koegel has peer-reviewed journal articles published in the United States, Mexico, Spain, and Britain. His peer-reviewed book chapters appear in essay collections published by Oxford, Cambridge, California, Chicago, Rochester University Presses, and other scholarly publishers. Fellowships from the National Endowment for the Humanities, the American Council of Learned Societies, the American Philosophical Society, and other organizations have supported Dr. Koegel's research work.



Dr. John Koegel

Dr. John Koegel, recipient of the 2022 CSUF L. Don Shields Excellence in Scholarship & Creativity Award and Professor of Musicology, delivered the third L. Don Shields Excellence in Scholarship & Creativity Award Lecture on 'Hearing the Past through the Present: Mexican American Music & Theater in Southern California since the 1850s.' Dr. Koegel focused this lecture on his long-term work on music history specifically on Mexican American Music & Theater in Southern California.

CSUF

## Keynote Speaker

Building a Thriving Research Culture in Comprehensive Academic Institutions



In addition to serving as the Vice President for Research and Innovation (VPRI) at San José State University, Dr. Mohamed Abousalem also serves as the President of the Board of Directors of the SJSU Research Foundation and the Chair of the Council of Chief Research Officers of the California State University (CSU). As the inaugural VPRI at SJSU, Dr. Abousalem provides executive leadership of SJSU's research and innovation enterprise.

**Dr. Abousalem is leading the creation of productive relationships, developing and implementing strategies that increase SJSU's competitiveness, and expanding its external funding opportunities.**

Dr. Mohamed Abousalem is building the institutional innovation support infrastructure to facilitate the offering and the coordination of entrepreneurship support services that enable SJSU faculty and students to bring their inventions, ideas, and methodologies to practice for the benefit of the local and global communities.

He has over 30 years of technical, business, and administrative management experience. Most recently, at the University of California Santa Cruz (UCSC), Dr. Mohamed Abousalem provided executive leadership and coordination of the UCSC intellectual property management and licensing, developing industry alliances, and managing innovation and entrepreneurship support programs. Before UC, he was the founding Chief Executive Officer of TECTERRA Inc. and has had several executive management roles in the industry, including Hemisphere GPS in Canada and Magellan GPS in Silicon Valley.



Dr. Mohamed Abousalem

Dr. Mohamed Abousalem, Vice President for Research and Innovation (VPRI) at San José State University (SJSU) delivered the keynote Talk on 'Building a Thriving Research Culture in Comprehensive Academic Institutions.' He focused his presentations on how SJSU has been successful in its mission on promoting research, scholarly, and creative activities in the past few years.; and how other CSU campuses can learn from the best practices that SJSU has been adopting for its growth in research funding and compliance.

# Research, Scholarship, and Creative Activities

# CSUF

## Drawing on the Strengths of Students & the Institution

On Tuesday, April 18, 2023, ORSP hosted two lively faculty panel discussions during Research Week. The morning began with a panel focused on faculty sharing with the attendees the strategies and techniques they use to maximize their Research, Scholarship, and Creative Activities on campus. The panel was moderated by Dr. Ioakim Boutakidis and consisted of faculty from across various disciplines.

Among the faculty panelists present were Dr. Dustin Barr (COTA), Dr. Archana McEligot (HHD), Dr. Lucia Alcalá (HSS), Dr. Lupita Espinoza (HHD), and Dr. Sam Behseta (NSM).

Immediately following the first panel discussion, ORSP hosted a panel discussion dedicated to Navigating Research Compliance. The committee chairs for IRB, IACUC and IBC lead the discussions, sharing their insights with the attendees on how CSUF administers, coordinates, and assists the campus community in the implementation and adherence to a broad range of university, state, and federal policies and regulations related to the conduct of research, scholarship, and creative activities.

The panelists included Dr. Ioakim Boutakidis, IRB Vice-Chair; Dr. Paul Stapp, IACUC Chair; Dr. Nikolas Nikolaidis, IBC Chair; and Rob Denman, Biosafety Officer.

## 2022-2023 Faculty Panel



Loakim Boutakidis, PhD  
Moderator



Archana McEligot, PhD  
Panelist



Lucia Alcalá, PhD  
Panelist



Dustin Barr, DMA  
Panelist



Sam Behseta, PhD  
Panelist



Lupita Espinoza, PhD  
Panelist



# ORSP Award Recognition: Principal Investigator Awards

The ORSP Award Recognition event is held annually during research week to celebrate and acknowledge extramural awards received by faculty and staff administrators. This April, we celebrated 82 faculty and staff who received support for their research and academic activities. Each award recipient received a crystal award recognizing their efforts. The event was held in the Titan TSU theatre on April 20th from 1 pm to 2:30 pm, with an exclusive invitation to all award recipients and college deans with an opportunity for pictures and light refreshments immediately following the event.

Name	Department	College / Division
Sinan Akciz	Geological Sciences	CNSM
Sadeeka Al-Majid	School of Nursing	CHHD
Adriana Badillo	Educational Partnerships	VPSA
Doina Bein	Computer Science	CECS
Katherine Bono	Child and Adolescent Studies	CHHD
Margie Brown-Coronel	History	CHSS
Gordon Capp	Social Work	CHHD
Nathan Carr	Modern Language/Lit	CHSS
David Chenot	Social Work	CHHD
Maria Cominis	Theatre & Dance	COTA
Ding-Jo Currie	Educational Leadership	COE
Michael Daniel	Small Business Development Center	CBE
Adrian Fleissig	Economics	CBE
Kristina Fortes	School of Nursing	CHHD
Laura Gil-Trejo	Social Science Research Center	CHSS
Josh Grisetti	Theatre/Dance	COTA
Sergio Guerra	Engineering & Computer Science	ECS
Andrea Guillaume	Faculty Development Center	COE
Beth Harnick-Shapiro	Computer Science	ECS
Brady Heiner	Project Rebound (CSU)	VPAA
Elizabeth Holster	Visual Arts	COTA

Name	Department	College / Division
Melanie Horn Mallers	Human Services	CHHD
Zair Ibragimov	Mathematics	CNSM
Paul Salvador Inventado	Computer Science	CECS
John B. Jackson	Management	CBE
Sagil James	Mechanical Engineering	CECS
Volker Janssen	History	CHSS
Zac Johnson	Human Communication Studies	CCOM
Hyunsu Kim	Management	CBE
Mikyong Kim-Goh	Social Work	CHHD
Matthew Kirby	Geological Sciences	CNSM
Edward Knell	Anthropology	CHSS
Rosalinda Larios	Special Education	COE
Alice Lee	Public Health	CHHD
Jin Woo Lee	Mechanical Engineering	CECS
Karen Lee	Social Work	CHHD
Calli Lewis Chiu	Special Education	COE
Sergio Lizarraga	Visual Arts	COTA
Erica Lizano	Social Work	CHHD
Geoffrey Lovelace	Physics	CNSM
Maritza Lozano	Educational Leadership	COE
Dawn Macy	Center for Internships & Community Engagement	VPSA
Vivek Mande	Accounting	CBE
Lisa McAllister	California Global Education Project	CHSS
Terry McGlynn	CSU Desert Studies Center	CNSM
Valbone Memeti	Geological Sciences	CNSM
Phoolendra Mishra	Civil & Environmental Engineering	CECS
Alison Miyamoto	Biological Science	CNSM
Ryan Nichols	Philosophy	CHSS
Tonantzin Oseguera	VPSA	VPSA
David Pagni	Mathematics	CNSM
Nilay Patel	Biological Science	CNSM

# ORSP Award Recognition: Principal Investigator Awards

Name	Department	College / Division
Chris Perez	Center for Internships & Community Engagement	VPSA
Dawn Person	Center for Research on Educational Access & Leadership	COE
Jennifer Piazza	Public Health	CHHD
Aaron Popp	Economics	CBE
Anil Puri	Economics	CBE
Maria Soledad Ramirez	Biological Science	CNSM
Jocelyn Read	Physics	CNSM
Fernando Rodriguez-Valls	Secondary Education	COE
Debra Saxton	Social Work	CHHD
Parvin Shahrestani	Biological Science	CNSM
Joshua Smith	Physics	CNSM
Angela Sojobi	School of Nursing	CHHD
Kanika Sood	Computer Science	CECS
Jessica Stern	History	CHSS
Atul Teckchandani	Management	CBE
Marcelo Tolmasky	Biological Science	CNSM
Natalie Tran	Educational Leadership	COE
Diana Vasquez	Center for Educational Partnerships	VPSA
Debbie Vengco	Extension and International Programs	EIP
Kevin Wortman	Computer Science	CECS
Joshua Yang	Public Health	CHHD
Danielle Zacherl	Biological Science	CNSM
Maria Estela Zarate	Provost/VPAA Operations	VPAA
Elizabeth Zavala-Acevez	Center for Educational Partnerships	VPSA
Laura Zettel-Watson	Psychology	CHSS
Jenny Zhang	Business and Economics	CBE



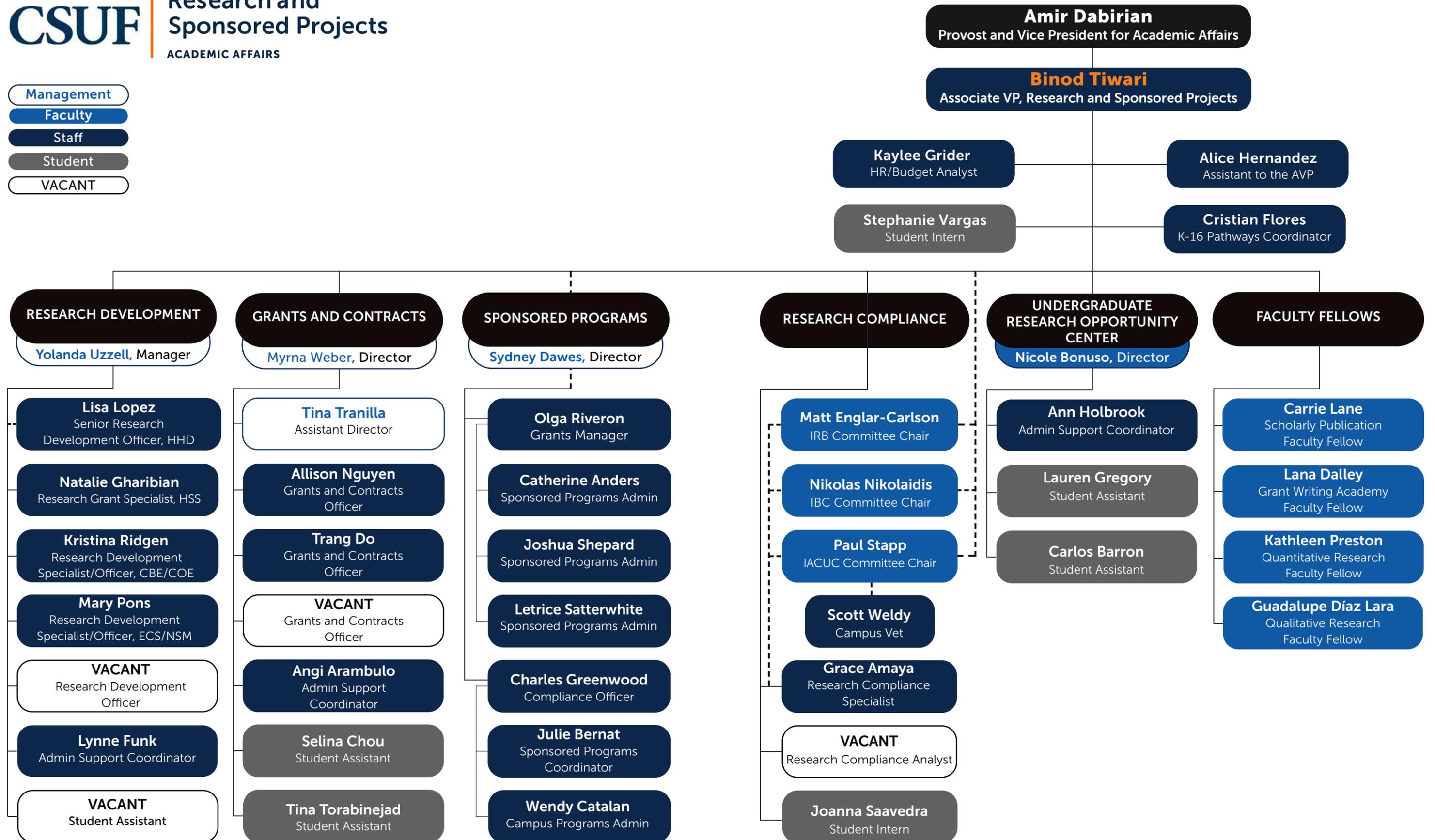
Management

Faculty

Staff

Student

VACANT



# Fiscal Year 2022-23 Grants, Contracts, and Fellowships

## College of the Arts

### Maria Cominis

To Support The Development and Production of Women of Zalongo National Endowment for The Arts  
**\$10,000**

### Josh Grisetti

To Latine Musical Theatre New Works Project  
California State University, Northridge Foundation  
**\$112,417**

### Elizabeth Holster

Orange County K-16 Education Collaborative  
Orange County Department of Education (OCDE)/OC Pathways  
**\$5,000**

## Associated Students Inc.

### Lydia Palacios

CSUF Student-Parent Child Care Support Program  
U.S. Department of Education  
**FY 22/23: \$288,623**  
Multi-Year: **\$1,154,496.00**

CSUF Student-Parent Child Care Support Program  
U.S. Department of Education  
**FY 22/23: \$86,588**  
Multi-Year: **\$1,154,496**

## College of Business and Economics

### Michael Daniel

2022 Orange County Women's Business Center  
U.S. Small Business Administration  
**\$150,000**

Source Diverse Source Local - SBDC Southwestern Community College District  
**\$25,000**

OCIE SBDC GOBIZ CIP 22-23 California Office of The Small Business Advocate  
**\$519,300**

OCIE SBDC GOBIZ TAP 22-23 California Office of The Small Business Advocate  
**\$2,950,000**

OCIE SBDC 2023 U.S. Small Business Administration  
**FY 22/23: \$628,067**  
Multi-Year: **\$2,990,794**

OCIE SBDC International Trade Center Southwestern Community College District  
**\$875,000**

OCIE SBDC GOBIZ CIP 22-23 California Office of The Small Business Advocate  
**\$519,300**

Small Business Development Centers U.S. Small Business Administration  
**\$2,406,605**

SBDC Contract with The City of Tustin City of Tustin  
**\$30,000**

### John Bradley Jackson

Accelerator Proposal California State University, Long Beach Foundation  
**\$7,500**

Northstar (System To Access Resources) OC Collaborative ONEOC  
**\$549,999.99**

### Hyunsu Kim

An Investigation of Visitor Profile and Economic Impact of The 5 Points District, Columbia, South Carolina University of Southern Carolina  
**\$2,000**

### Jenny Zhang

O.C. K-16 Education Collaborative Orange County Department of Education (OCDE) / OC Pathways  
**\$211,000**

## College of Communications

### Zac Johnson

Teammate and Training Partner Support in Recreational Triathletes Doping Attitudes and Concerns World Anti-Doping Agency (WADA)  
**\$19,268**

## Engineering and Computer Science

### Doina Bein

O.C. K-16 Education Collaborative Orange County Department of Education (OCDE)/OC Pathways  
**\$211,000**

### Sergio Guerra

2022-23 Dwight David Eisenhower Transportation Fellowship Program U.S. Department of Transportation  
**\$18,500**

### Paul Salvador Inventado

BPC-A Socially Responsible Computing; Promoting Latinx Student Retention Via Community Engagement in Early CS Courses National Science Foundation  
**\$299,716**

### Sagil James

Biomanufacturing Workforce Training Program for Students From Historically Under-Served Communities California State University, Northridge Foundation  
**\$134,599**

### Jin Woo Lee

Advancing Undergraduate Engineering Education: Tools to Develop Engineering Design Skills that Consider Social, Economic, and Environmental Factors The Regents of the University of Michigan  
**FY 22/23: \$12,081**  
Multi-Year: **\$39,982**

### Phoolendra Mishra

Orange County Sustainability Decathlon (OCS D) Charitable Ventures  
**\$100,000**

## College of Education

### Rosalinda Larios

Inspiring and Engaging Children and Families Through Innovative Practices California State University, Northridge Foundation  
**\$113,158**

### Dawn Person

CSU-Mellon Mayes Undergraduate Fellowship Program The Trustees of The California State University, Long Beach  
**\$11,848**

CSULB Campus Climate Survey The Trustees of The California State University, Long Beach  
**\$8,811**

### Natalie Tran

National Resource Center for Asian Languages (NRCAL) U.S. Department of Education  
**FY 22/23: \$163,994**  
Multi-Year: **\$655,976**

### Fernando Rodriguez-Valls

O.C. K-16 Education Collaborative Orange County Department of Education (OCDE)/OC Pathways  
**\$211,000**

### Janice Myck-Wayne

Project Activity Based Communication U.S. Department of Education  
**FY 22/23: \$250,000**  
Multi-Year: **\$1,250,000**

## College of Health and Human Development

### Sadeeka Al-Majid

Scholarships for Disadvantaged Students Health Resources and Services Administration  
**FY 22/23: \$900,000**  
Multi-Year: **\$3,479,941**

### Katherine Bono

Fullerton Resilient Families Program Orange County Head Start, Inc  
**\$27,429**

### Gordon Capp

School Social Work Framework Garden Grove Unified School District  
**\$70,922**

### David Chenot

Health Careers Opportunity Program Health Resources and Services Administration  
**FY 22/23: \$636,208**  
Multi-Year: **\$3,207,301**

O.C. K-16 Education Collaborative Orange County Department of Education (OCDE)/OC Pathways  
**\$211,000**

### Lilia Espinoza

Leveraging Interdisciplinary Nutritional Knowledge (Link) Program California State University, Long Beach Research Foundation  
**FY 22/23: \$312,756**  
Multi-Year: **\$343,857**

### Kristina Fortes

Song-Brown Registered Nurse Capitation 2023-2025 Department of Health Care Access and Information  
**\$900,000**

### Juye Ji

Linking DNA Methylation with Child Maltreatment and Mental Health Across Adolescence Kaiser Foundation Research Institute  
**FY 22/23: \$28,492**  
Multi-Year: **\$44,797**

### Danny Kim

Occupational and Environmental Exposures and Work Practices for Nanomaterials and Electronic Products The Regents of The University of CA  
**FY 22/23: \$8,817**  
Multi-Year: **\$43,943**

### Mikyong Kim-Goh

Behavioral Health Workforce Education and Training Program Health Resources and Services Administration  
**FY 22/23: \$469,949**  
Multi-Year: **\$1,906,652**

MSW Program Expansion Project The Department of Health Care Access and Information (HCAI)  
**\$4,754,802**

# Grants, Contracts, and Fellowships

CalSWEC Title IV-E Program  
The Regents of the University  
of California, Berkeley  
**FY 22/23: \$1,507,964**  
Multi-Year: **\$3,015,928**

**Archana McEligot**  
Neurocognitive Aging, Health  
Disparities Research and Education  
National Institutes of Health  
**\$207,207**  
Multi-Year: **\$1,307,595**

Neurocognitive Aging & Analytics  
Research Education (NAARE)  
National Institutes of Health  
**FY 22/23: \$362,604**  
Multi-Year: **\$1,789,638**

**Angela Sojobi**  
Midwifery Re-Diversification  
for Health Equity in California  
The Regents of The University  
of California, San Francisco  
**FY 22/23: \$71,754**  
Multi-Year: **\$145,601**

Song Brown Fnp-Pa-Midwifery  
Primary Care Workforce Grant  
The Department of Health Care  
Access and Information (HCAI)  
**\$144,000**

**Jennifer Thompson**  
Nurse Anesthetist Traineeship  
Health Resources and Services  
Administration  
**FY 22/23: \$38,982**  
Multi-Year: **\$124,923**

**Penny Weismuller**  
Nursing Workforce and Services  
Administration  
Health Resources and Services  
Administration  
**FY 22/23: \$553,860**  
Multi-Year: **\$2,304,299**

**Joshua Yang**  
Detection and Characterization of  
Illegal Tobacco, Ends, and Cannabis  
Vaping Product Sales Online  
The Regents of The University  
of California, San Diego  
**FY 22/23: \$113,658**  
Multi-Year: **\$226,687**

Adverse Events From Tobacco /  
Nicotine Dependence and Impacts  
on Cancer Patient Clinical Experiences  
The Regents of The University  
of California, San Diego  
**FY 22/23: \$31,294**  
Multi-Year: **\$69,954**

Vamos Vaping Among Multicultural  
O.C. Students  
The Regents of The University  
of California, Irvine  
**FY 22/23: \$63,000**  
Multi-Year: **\$116,056**

**Jennifer Piazza and  
Laura Zettel-Watson**  
A Multidimensional Aging Science  
Program: Mstem Scholars Trained  
in Aging Research (MSTEM STAR)  
National Institutes of Health  
**FY 22/23: \$267,393**  
Multi-Year: **\$1,542,890**

## College of Humanities and Social Science

**Lucia Alcalá**  
Collaborative Research: Integrating  
Culturally Responsive Measures and  
Comparisons to Strengthen Devel-  
opment Models of Reasoning and  
Executive Function  
National Science Foundation  
**\$144,497**

**Margie Brown-Coronel**  
Pedagogy, Training, Research  
and Documentation  
California Department of Parks  
and Recreation  
**\$103,861**

Pedagogy, Training, Research  
and Documentation  
California Department of Parks  
and Recreation  
**\$90,229**

**Laura Gil-Trejo**  
Reuniting Families: Understanding  
The Impact of Immigration Prison  
Decarceration Due to the Covid-19  
Pandemic on Detained Immigrants  
and their Families  
University Of California, Davis  
**\$33,551**

Post-Release Survey III  
The Regents of The University of CA  
**\$36,148**

City of Berkeley Rent Board Tenant  
Survey  
The City of Berkeley Rent Board  
**\$77,246**

Post-Release Survey I & II  
The Regents of The University of CA  
**\$2,806**

CalOptima Member Needs  
Assessment Services  
Harder+Company Community  
Research, Inc.  
**\$1,001,350**

2023 Career And Technical  
Education Survey (CTEOS)  
Sonoma County Junior  
College District (SCJCD)  
**\$1,370,000**

**Brady Heiner**  
Project Rebound - Yerba  
Buena Fund 2022-2023  
Yerba Buena Fund  
**\$100,000**

**Adam Roberts**  
Mapping Neural Connectivity  
in Zebrafish Larvae Using a  
Photoconvertible Protein  
National Institute Of Health  
**FY 22/23: \$111,090**  
Multi-Year: **\$333,168**

**Jessica Stern**  
CSU Fullerton's Passage to The  
Future: Channeling Humanities'  
Diversity into STEM and Tech Fields  
California State University, Northridge  
Foundation  
**\$122,507**

## College of Natural Sciences & Mathematics

**Alfonso Agnew**  
Biocalculus Preparation Engagement  
& Application (Bio-Calc Pea) Program  
The Regents of The University  
of California, Irvine  
**FY 22/23: \$184,672**  
Multi-Year: **\$265,435.92**

Biocalculus Preparation Engagement  
& Application (Bio-Calc Pea) Program  
The Regents of The University  
of California, Irvine  
**\$80,763**

**Sinan Akciz**  
Creation Of The Community  
Paleoseismic Database (CPD) and  
It's Infrastructure to Support SCEC  
Science  
University of Southern California  
**FY 22/23: \$16,313**  
Multi-Year: **\$62,557**

# Fiscal Year 2022-2023

**Sam Behseta**  
Collaborative Research: HDR DSC:  
Data Science Training and Practices  
Preparing a Diverse Workforce Via  
Academic and Industrial Partnership  
National Science Foundation  
**FY 22/23: \$210,000**  
Multi-Year: **\$606,492**

**Jennifer Burnaford**  
Committed to Community: Building  
a Broader and Stronger Research  
Family Through Long-Term Monitor-  
ing of California's Iconic Intertidal  
Foundation Species  
California Sea Grant  
**\$75,000**

Boem-Marine (Multi-Agency Rocky  
Intertidal Network) 2019 - 2023  
University Of California, Santa Cruz  
**\$51,670**

**Merri Lynn Casem**  
Establishing Roots to Grow Stems:  
Building Capacity in A College of  
Natural Sciences And Mathematics  
National Science Foundation  
**FY 22/23: \$232,366**  
Multi-Year: **\$1,442,644**

**Esther Chen**  
Regulation of The Sinohizobium  
Melloti Exos/Chyl Signaling  
Pathway Critical for Host Infection  
National Institutes of Health  
**FY 22/23: \$106,500**  
Multi-Year: **\$426,000**

**Math Cuajungco**  
U-RISE at Cal State Fullerton  
National Institutes of Health  
**FY 22/23: \$334,652**  
Multi-Year: **\$1,673,260**

**Megan Drangstveit**  
Project Raiser (Regional Alliance  
in Stem Education Refined)  
U.S. Department of Education  
**FY 22/23: \$995,710**  
Multi-Year: **\$4,995,710**

**Kristy Forsgren**  
Histopathology of Flatfishes From  
OCSD Reference and Wastewater  
Outfall Sites  
Orange County Sanitation District  
**FY 22/23: \$23,126**  
Multi-Year: **\$118,327**

**Veronica Jimenez**  
Identification and Function of  
Mechanosensitive Channels in  
Trypanosoma Cruzi  
National Institutes Of Health  
**\$416,576**

**Mathew Kirby**  
Upgrades and Acquisitions for The  
Collaborative Cal State Fullerton  
Paleoclimate, Coastal Processes,  
and Archaeology Lithics Research  
Laboratories  
National Science Foundation  
**\$247,680**

**Geoffrey Lovelace**  
Rui: Next-Generation Numerical  
Relativity for Future Gravitational  
Wave Observatories  
National Science Foundation  
**\$225,832**

The CSUF-Led Partnership for  
Inclusion of Underrepresented  
Groups in Gravitational-Wave  
Astronomy  
National Science Foundation  
**FY 22/23: \$833,701**  
Multi-Year: **\$1,180,214**

# Grants, Contracts, and Fellowships

## Terry McGlynn

CA CESU Building Regional Capacity for Botanical Research and Outreach in The Mojave Desert  
U.S. Department of the Interior  
- Bureau of Land Management  
FY 22/23: \$50,000  
Multi-Year: \$489,465.00

## Valbone Memeti

Collaborative Research: RUI: Using K-feldspar Megacryst and Mineral Inclusion T-X-t Histories to Assess Batholith Growth and Evolution in The Tuolumne Intrusive Complex, CA  
National Science Foundation  
\$337,782

Geologic Mapping of the Jackass Lakes Pluton, Sierra Nevada, to Unravel Pluton Emplacement and Volcanic-Plutonic Connections.  
U.S. Department of the Interior  
\$59,820

## Alison Miyamoto

Compass: An Inclusive Pipeline for Research and other Stem Cell-Based Professions in Regenerative Medicine (iPROSPR)  
CA Institute for Regenerative Medicine  
\$2,880,800

## Nikolas Nikolaidis

Interaction Between HSPA1A, a Seventy-KDA Heat Shock Protein, and Lipids in Stressed Cells  
National Institutes Of Health  
FY 22/23: \$106,500  
Multi-Year: \$426,000

## David Pagni

California Mathematics Project at California State University Fullerton  
The Regents of The University of CA,  
Office of The President – UCOP  
\$16,000

California Mathematics Project at California State University Fullerton  
The Regents of The University of California, Office of The President  
\$20,635

## Nilay Patel

Bridges to Stem Cell Research and Therapy: A Talent Development Program for Training Diverse Undergrads for Careers in Regenerative Medicine  
California Institute for Regenerative Medicine  
\$3,606,500

## Stevan Pecic

Designed Multiple Ligands as Non-Opioid Analgesics for Treating Chronic Pain  
National Institutes of Health  
\$154,627

## Maria Soledad Ramirez

Identifying Host Human Products Responsible for Natural Transformation of Resistance Traits in Acinetobacter SPP  
National Institutes Of Health  
FY 22/23: \$106,500  
Multi-Year: \$426,000

## Jocelyn Read

RUI: Neutron-Star Matter in the Ligo A+ Era and Beyond  
National Science Foundation  
FY 22/23: \$74,702  
Multi-Year: \$224,468

## Parvin Shahrestani

Defining The Microbiota's Response to and Influence on the Evolution of Drosophila Melanogaster  
National Institutes of Health  
\$412,683

## Joshua Smith

RUI: Advancing Gravitational-Wave Optics to Further Explore The Cosmos  
National Science Foundation  
\$355,683

Computer Vision Enhanced Reflectance Analyzer (Covera)  
Intellisense Systems, Inc.  
\$4,482

## Nabila Tanjeem

ERI: Engineering Self-Assembled Responsive Materials by Employing Light-Driven Shapeshifting of Colloidal Particles  
National Science Foundation  
\$199,934

## Marcelo Tolmasky

Dealing with Antibiotic Resistance: Antisense Technology  
National Institutes of Health  
\$426,000

LA Basin CSU MHRT Program  
National Institutes of Health  
FY 22/23: \$26,975  
Multi-Year: \$1,103,434

1/2 CSUF/UCI-CFCCC Cancer Health Disparities Research Program (CHERP)  
National Institutes of Health  
FY 22/23: \$211,388  
Multi-Year: \$1,039,144

## Danielle Zacherl

Oyster Monitoring Associated with The San Diego Bay Native Oyster Living Shoreline Project  
San Diego Unified Port District  
\$84,087

Friend or Foe? Effects of Eelgrass Density on Filter Feeder Biomass and Condition Index in a Multi-Habitat Living Shoreline  
University Of San Diego  
FY 22/23: \$24,834  
Multi-Year: \$64,678

## Division of Academic Affairs

### Elaine Frey

Do Shallow Carbonates Record Changes in the Global Carbon Cycle?  
National Science Foundation  
\$46,000

### Katherine Powers

Project Upgrads: Utilizing and Promoting Graduate Resources and Access for Disadvantaged Students  
U.S. Department of Education  
FY 22/23: \$598,675  
Multi-Year: \$2,993,375

### Romarilyn Ralston

Project Rebound Mentorship Program  
Cal Poly Pomona Foundation Inc  
\$6,250

### Debbie Vengco

O.C. K-16 Education Collaborative  
Orange County Department of Education (OCDE) / OC Pathways  
\$211,000

### Maria Estela Zarate

O.C. K-16 Education Collaborative  
Orange County Department of Education (OCDE) / OC Pathways  
\$360,000

# Fiscal Year 2022-2023

## Division of Administration and Finance

### John Ramirez

Beverage Container Recycling Project  
California Environmental Protection Agency  
\$228,469

## Division of Student Affairs

### Adriana Badillo

Anaheim Public Utilities - College Internship Program  
City of Anaheim Public Utilities Department  
FY 22/23: \$76,621  
Multi-Year: \$383,105

### Joshua Bilbrew

Ronald E. Mcnair Postbaccalaureate Achievement  
U.S. Department of Education  
FY 22/23: \$1,337,600  
Multi-Year: \$8,908,800

### Gear Up 2018-2025

U.S. Department of Education  
FY 22/23: \$1,119,979  
Multi-Year: \$7,459,721

### Patricia Literte

Ronald E. Mcnair Postbaccalaureate Achievement  
U.S. Department of Education  
FY 22/23: \$261,888  
Multi-Year: \$1,280,832

### Dawn Macy

TITAN ASES 2022-2023  
Buena Park School District  
\$855,500

Jumpstart 2022-2023  
Jumpstart for Youngchildren, Inc (AMERICORPS)  
\$119,659

Titan After School Program 2022 - 2023 ELOP  
Buena Park School District  
\$201,625

BPSD SOARS Summer Intersession Camp (ELOP)  
Buena Park School District  
\$299,476

### Lilivao Tautolo

CSU Fullerton, Trio Student Support Services Program  
U.S. Department of Education  
FY 22/23: \$348,002  
Multi-Year: \$1,740,010

CSUF Talent Search – Anaheim  
U.S. Department of Education  
FY 22/23: \$277,375  
Multi-Year: \$1,386,875

CSUF Talent Search #1  
U.S. Department of Education  
FY 22/23: \$328,413  
Multi-Year: \$1,642,065

### Diana Vasquez

CSUF Upward Bound  
U.S. Department of Education  
FY 22/23: \$431,224  
Multi-Year: \$2,156,120

CSUF Upward Bound  
U.S. Department of Education  
FY 22/23: \$297,597  
Multi-Year: \$1,487,985

# A Special Thanks to Our Extramural Grants Submission PIs

## CBE

Maria Casanova Rivas  
Michael Daniel  
Adrian Fleissig  
Jianxin Gong  
John Jackson  
Hyunsu Kim  
Yinfei Kong  
Daoji Li  
Liqing Li  
Jenny (Yi) Zhang

## CCOM

Roselyn Du  
HyeKyeung Seung  
Ying-Chiao Tsao

## COE

Abigail Amoako Kayser  
Ding-Jo Currie  
Rosalinda Larios  
Antoinette Linton  
Rosario Ordonez-Jasis  
Dawn Person  
Fernando Rodriguez-Valls  
Natalie Tran

## COTA

Josh Grisetti  
Elizabeth Holster  
Pamela Madsen

## ECS

Sampson Akwafuo  
Yu Bai  
Doina Bein  
John Kenneth Fallor  
Kiran George  
Sergio Guerra  
Wenlin Han  
Sagil James  
Rong Jin  
Jin Woo Lee  
Rakeshkumar Mahto  
Phoolendra Mishra  
Huda Munjy-Ahmed  
Nina Robson  
Kanika Sood  
Siheng Su

## HHD

Sadeeka Al-Majid  
Katherine Bono  
Gordon Capp  
David Chenot  
Guadalupe Diaz Lara  
Lilia Espinoza  
Phillip Gedalanga  
Juye Ji  
Tricia Kasamatsu  
Mikyong Kim-Goh  
Alice Lee  
Lohuwa Mamudu  
Archana McEligot,  
Tabashir Nobari  
Bo Park  
James Ruby  
Mojgan Sami  
Angela Sojobi  
Jennifer Thompson  
Michele Wood  
Joshua Yang

## HSS

Lucia Alcalá  
John Bock  
Deborah Diep  
Joshua DiPaolo  
Helene Domon  
Sheryl Fontaine  
Natalie Fousekis  
Laura Gil-Trejo  
Sarah Grant  
Brianna Harvey  
Brady Heiner  
Veronica Herrera  
Sara Johnson  
Kevin Lambert  
Maged Mikhail  
Yuko Okado  
Marlén Ríos-Hernández  
Adam Roberts  
Zia Salim  
Stacy St. James  
Jessica Stern  
Samuel Stone  
Robert Voeks  
Susie Woo

## NSM

Wylie Ahmed  
Sinan Akciz  
Sam Behseta  
Kelvin Billingsley  
Jennifer Burnaford  
Julia Chan  
Joya Cooley  
Math Cuajungco  
Kristy Forsgren  
Allyson Fry-Petit  
Michael Groves  
John Haan  
William Hoese  
Cherie Ichinose  
Virginia Isava

Jessica Jaynes  
Veronica Jimenez  
Hope Johnson  
Niroshika Keppetipola  
Matthew Kirby  
Sean Loyd  
Alison Marzocchi  
Terry McGlynn  
Valbone Memeti  
Nikolas Nikolaidis  
Jeffrey Olberding  
David Pagni  
Erin Misty Paig-Tran  
Stevan Pecic  
Andrew Petit  
Jocelyn Read  
Melanie Sacco  
Nicholas Salzameda  
Meng Shen  
Joshua Smith  
Roberto Soto  
Amelia Stone-Johnston  
Nabila Tanjeem  
Ionel Tifrea  
Sachel Villafane-Garcia

## VPAA

Elaine Frey  
Stacy Mallicoat  
Romarilyn Ralston  
Yuying Tsong  
Kim Wagner

## VPAF

David Hess  
Michael Lotito

## VPSA

Adriana Badillo  
Carmen Curiel  
Brett Goldberg  
Dawn Macy

# New Faces | Research and Sponsored Project

## ACADEMIC AFFAIRS



**Alice Hernandez**  
Assistant to the AVP



**Ann Holbrook**  
Admin Support Coordinator



**Nicole Bonuso**  
UROC Director



**Angi Arambulo**  
Admin Support Coordinator



**Letrice Satterwhite**  
Sponsored Programs Admin



**Mary Pons**  
Research Development Specialist/Officer, ECS/NSM



**Stephanie Vargas**  
Student Intern



**Selina Chou**  
Student Assistant

# HIGHLIGHTS OF CSUF RSCA NEWS



[\\$1.2 Million Grant to Prepare Underrepresented Students for Doctoral Programs in Gravitational-Wave Astronomy](#)



[Six Titan Teams Selected for National Undergraduate Research Program](#)



[Cal State Fullerton Programs to Receive Four Hispanic-Serving Institutions Community Grants](#)



[\\$3 Million Grant Boosts Student Opportunities in Stem Cell Research](#)



[\\$1.4 Million in Grants Promote College and Career Pathways for OC Students](#)



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[Study Reveals How Metaphors Help Women Communicate Emotions During Breast Cancer Testing](#)



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