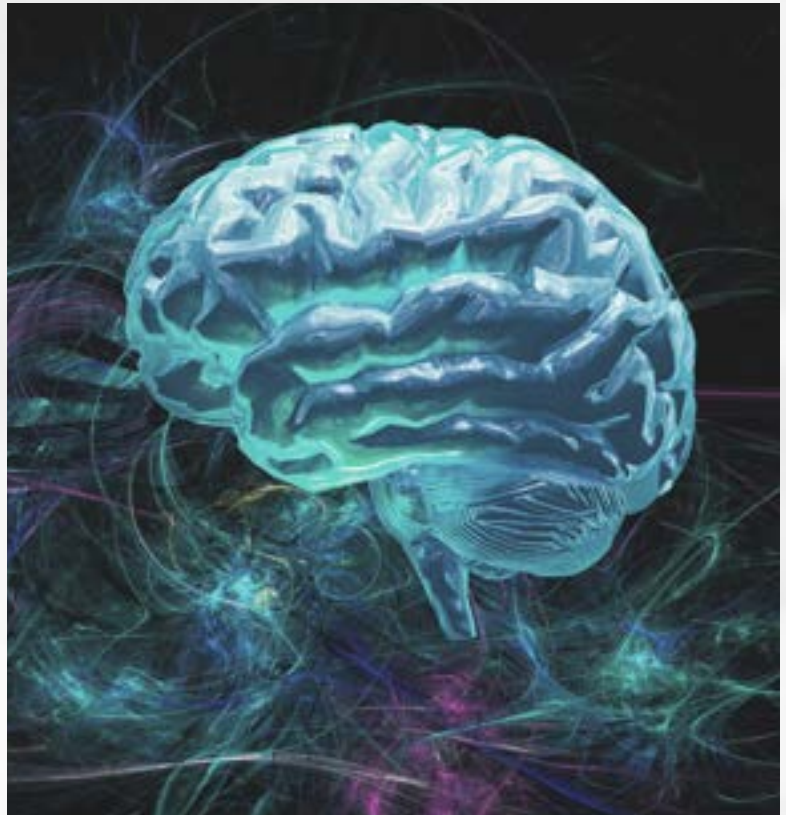


CALIFORNIA STATE UNIVERSITY, SAN BERNARDINO

# NEWSLETTER

OFFICE OF STUDENT RESEARCH | FALL 2022



# NEWSLETTER

OFFICE OF STUDENT RESEARCH | FALL 2022

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# WELCOME

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**RYAN W. KEATING, PH.D.**  
DIRECTOR, OFFICE OF STUDENT RESEARCH  
PROFESSOR AND CHAIR, DEPARTMENT OF HISTORY

Welcome back to another exciting academic year Yotes! The Office of Student Research looks very different this year! As you might notice, our office has grown, and with that growth comes our ability to support your research, scholarly, and creative activities in new and dynamic ways. As we begin the 2022-2023 Academic Year, we look forward to the coming years and to the ways in which the OSR can help each of you define your future!

As I being my third year in this role, I just wanted to reflect a moment on the tremendous successes of our student researchers. In spite of everything, you all have persevered and thrived, and your work is a testament to your dedication and commitment to your academic goals. The passion with which the students and faculty at CSUSB have shown in the pursuit of their research is noteworthy, and we at the OSR are thrilled to have been able to lend our support, in a variety of ways, to your work.

Our university community is truly a special place. As we look forward to the future, I just want to reiterate the commitment of the Office of Student Research to supporting your work and celebrating your successes. As we continue building a community of scholars here on our campus, we are dedicated to our broader goals and strive to ensure that all our students and faculty have access to world-class support for their work. We look forward to another year of growth here at the OSR as we add new programs and workshops and support new and returning students engage in a research-related activities.

In our fall newsletter, you will find information on a variety of programs, activities, and grant opportunities the OSR will support over the coming year, as well as a host of new news about our office.

Thank you all for your continued support of the Office of Student Research, and we look forward to celebrating the great work of our students and faculty over the coming year!

*Dr. Ryan Keating*

Dr. Ryan Keating,  
Director, OSR

# WHAT'S NEW AT OSR?

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## CHANGES AT OSR

This fall, you might notice some new faces if you stop by the Office of Student Research! This year we welcome two new student assistants, **Paola Boshra** and **Maria Stroud**. Our student assistants are more than happy to help you answer any of your research related questions! Please do not hesitate to reach out to them by calling or emailing the office.

We are also thrilled that CSUSB alum **Jessica Carrillo ('17)** has accepted the newly created position of Program Assistant for the Office of Student Research! This position reflects the growth of the OSR and was designed to help meet the needs of our student and faculty researchers and Jessica is up for the job and excited to be returning to CSUSB!

Please also welcome our four new Coyote Research Ambassadors: **Alejandra Ramirez, Kenya Luna, Negin Ghaffari, and Shannon Lopez**. The CRAs are here to help you navigate all the different research opportunities available during your time on campus, so don't hesitate to reach out to them with any questions you might have.

You might also notice our office's brand-new logo! This new logo symbolizes the start of a new journey as the office grows and expands to support your research, scholarly, and creative activities.

The team here at the Office of Student Research is thrilled to see where this new academic year will take us. We hope that you will utilize our various programs and grants and propel you forward toward your future! We also hope to expand our reach to students in all majors across San Bernardino and Palm Desert Campuses. Don't be afraid to jump into research during the 2022-2023 academic year! Please don't be afraid to reach out if we can help you start that journey! You never know where it will take you!

We wish you all the luck as you embark on your research journey. Go Yotes!

# WELCOME TO THE PACK

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There are some new faculty here at CSUSB. We welcome Dr. Anna Zelaya here on campus as a new assistant professor!



**DR. ANNA ZELAYA**  
**ASSISTANT PROFESSOR**  
**BIOLOGY**

**BIOGRAPHY:**

Dr. Anna Zelaya is focused on Microbiology Ecology. Her current project is to study the relationship between microorganisms residing within the gut of an insect pest, *Callosobruchus maculatus*, or known as the bean beetle. Her project will help further understand the relationship between this microorganism and the bean beetle. Furthermore, Dr. Zelaya's project will outline other factors that affect the microbial community such as contamination, toxicity, and stress. She attended Montana State University and received her Ph. D in Microbiology in 2019. Then, she further continued her postdoctoral research in Emory University with a fellowship from the Research and Science Teaching (FIRST) during 2019-2022. Dr. Zelaya is a microbial ecologist and a STEM educator and is interested in improving the representation of marginalized groups in STEM through teaching and new learning approaches. Dr. Zelaya aims to encourage and support all her students to be an inspiration for young scientists. Additionally, Dr. Zelaya wants to build the community and promote a welcoming environment to the science community.

# WELCOME TO THE OSR

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The Office of Student Research is thrilled to welcome Faculty Fellows, Dr. José Muñoz and Dr. Sarah Dunn!



**DR. SARAH DUNN**  
**PALM DESERT CAMPUS FELLOW**

Dr. Dunn came to CSUSB as an Associate Professor of Kinesiology for the Palm Desert Campus (PDC) in the Fall of 2020. Her areas of scholarly expertise are in the early mechanisms for disease risk in young adults, which includes: inflammation, metabolic dysfunction, adiposity, and/or vagal insensitivity. She is interested in how lifestyle interventions, incorporating healthy nutritional choices and physical activity (high intensity interval exercise), ameliorate problems associated with inflammation, metabolic dysfunction, and obesity. Dr. Dunn obtained her graduate degrees from the University of New South Wales and the University of Sydney, both in Australia and prior to that, she completed her bachelor's degree at Pepperdine University in Malibu, California.



**DR. JOSÉ MUÑOZ**  
**DIVERSITY, EQUITY, & INCLUSION FELLOW**

Dr. Muñoz is an Associate Professor in the Department of Sociology at CSUSB. Muñoz's collaboration with several scholars as part of the American Sociological Association on First Generation and Working Class Persons in Sociology has led to the collection of a nationally representative survey sample of FGWC scholars. The ASA Council unanimously approved the Task Force's summary of findings and recommendations submitted at the ASA meetings in DTLA this past August 2022. Muñoz is the co-PI on a National Science Foundation HSI Improving STEM in Education Grant and held the position of Visiting Scholar at UCLA's Institute of American Cultures (2020-2021) and Research Scholar at the Chicano Studies Research Center.

# SAVE THE DATE

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## **CSU STUDENT RESEARCH COMPETITION**

The CSUSB Student Research Competition gives students the opportunity to develop their presentation and communication skills while showcasing their scholarly achievements.

**DATE: FEBRUARY 10, 2023**

## **ACADEMIC RESEARCH WEEK**

CSUSB Research Week is held to celebrate the research and scholarly achievements of faculty and students across campus in all disciplines. All faculty, staff, and students are invited.

**DATE: APRIL 10 - 14 , 2023**



## **12TH ANNUAL "MEETING OF THE MINDS" STUDENT RESEARCH SYMPOSIUM**

The 12th Annual "Meeting of the Minds" Student Research Symposium, is an opportunity for students to present their research to the entire community of CSUSB in the form of oral and poster presentations or art exhibits.

**DATE: APRIL 13, 2023**

**BE SURE TO CHECK OUT PAGE 16 FOR DESCRIPTIONS PROGRAMS AND DEADLINES!**



# FACES OF THE PACK: STUDENT RESEARCHERS

**Student:**

Haley Potter

**Mentor Name:**

Dr. Christopher Hill

**Prospective Project**

**Title:** *Psychological Stressors of Professional Motorsports Athlete: A Case Study*



**Biography:** My name is Haley Potter; I am currently in my senior year of my bachelor's degree in Biological Psychology. I have a passion for all things psychology and all things motorsports. After I receive my bachelor's degree I plan on continuing onto to a master's degree in counseling here at CSUSB and ultimately applying to medical school and becoming a neurologist. I absolutely love CSUSB and all it has to offer and I can't wait to continue this research and eventually graduate. Fun fact about me: I love dogs and I own two Doberman Pinschers.

**Brief Summary About Research:**

Together, Dr. Hill and I thematically analyzed a recorded interview (of which Dr. Hill conducted) of a professional motorsports driver who has been driving professionally for over a decade. From the interview, we focused on where the driver outlines psychological stressors related to the sport both on and off the track as well as how he copes with those stressors. We hope this research can help further develop coping strategies for the drivers to cope with stressors related to the sport. This research was presented by myself at the annual meeting of the minds research symposium here at CSUSB and won Best Undergraduate Oral Presentation for its respective session.

**Student:**

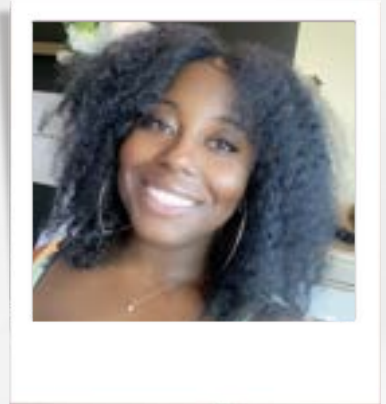
Diamond Rawlings

**Mentor name:**

Dr. Angela Horner

**Prospective Project**

**Title:** *How do bones in genetically different mouse strains respond to loading?*



**Biography:**

Hello, I'm Diamond, an undergraduate Biology major. I graduated from community college with an AA in Math & Science then transferred to UC Irvine as a Genetics Major. Shortly after I transferred here to CSUSB and joined Dr. Horner's research lab.

**Brief Summary About Research:**

Genetic and epigenetic factors have been shown to impact the musculoskeletal system. Although the length of limb bones is primarily determined by genetics, the diameter and cross-sectional area are seemingly a product of epigenetic (e.g., loading) factors. In this study we compare bone morphology and strength in exercise vs non-exercised mice. We used mice that were selectively bred over 90 generations for high voluntary exercise activity (High runner mice). Results revealed that High runner mice tend to have longer thicker diameter bones.



# OSR'S UNDERGRADUATE SUMMER RESEARCH PROGRAM

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This summer, the OSR's Undergraduate Summer Research program included 22 teams of faculty and 45 student mentees. Over the course of an intensive ten-week summer program, CSUSB students, working in teams of two to three, worked with their faculty mentors to complete research projects or other scholarly activities related to their fields. The Faculty-student teams represented all five colleges, and the students presented their research at the USRP Conference in August.

At the Office of Student Research, we value the teamwork, experiences, and connections students make as they conduct their research. As **Carolina Garcia**, a USRP participant, stated, *"my favorite aspect of this program is being able to connect with faculty mentors and fellow peers within my field. Plus, working with my peers gave me a great support system for this program and helped me grow in a collaborative environment"*. Students value teamwork and collaboration as they embark on their journey through research. **Rick Bhaskara**, a USRP participant, stated, *"this program helped me understand that research is a collaborative effort between people conducting the project and people outside the project."*

The overall experience of the Undergraduate Summer Research Program is beneficial for both the student and faculty mentor. It is a learning experience for everyone participating. Students such as **Rick Bhaskara** and **Carolina Garcia** both found the program *"enjoyable, rewarding, and insightful."* Furthermore, students experience the full scope of research beyond the project itself. **Kayla Ochoa**, stated, *"It was an amazing learning opportunity. Not only was I able to gain knowledge in technical science software and instrumentation that I would not be exposed to in the course of my undergraduate career, but my faculty mentor also taught me so much about what graduate school and research could look like through this program"*.

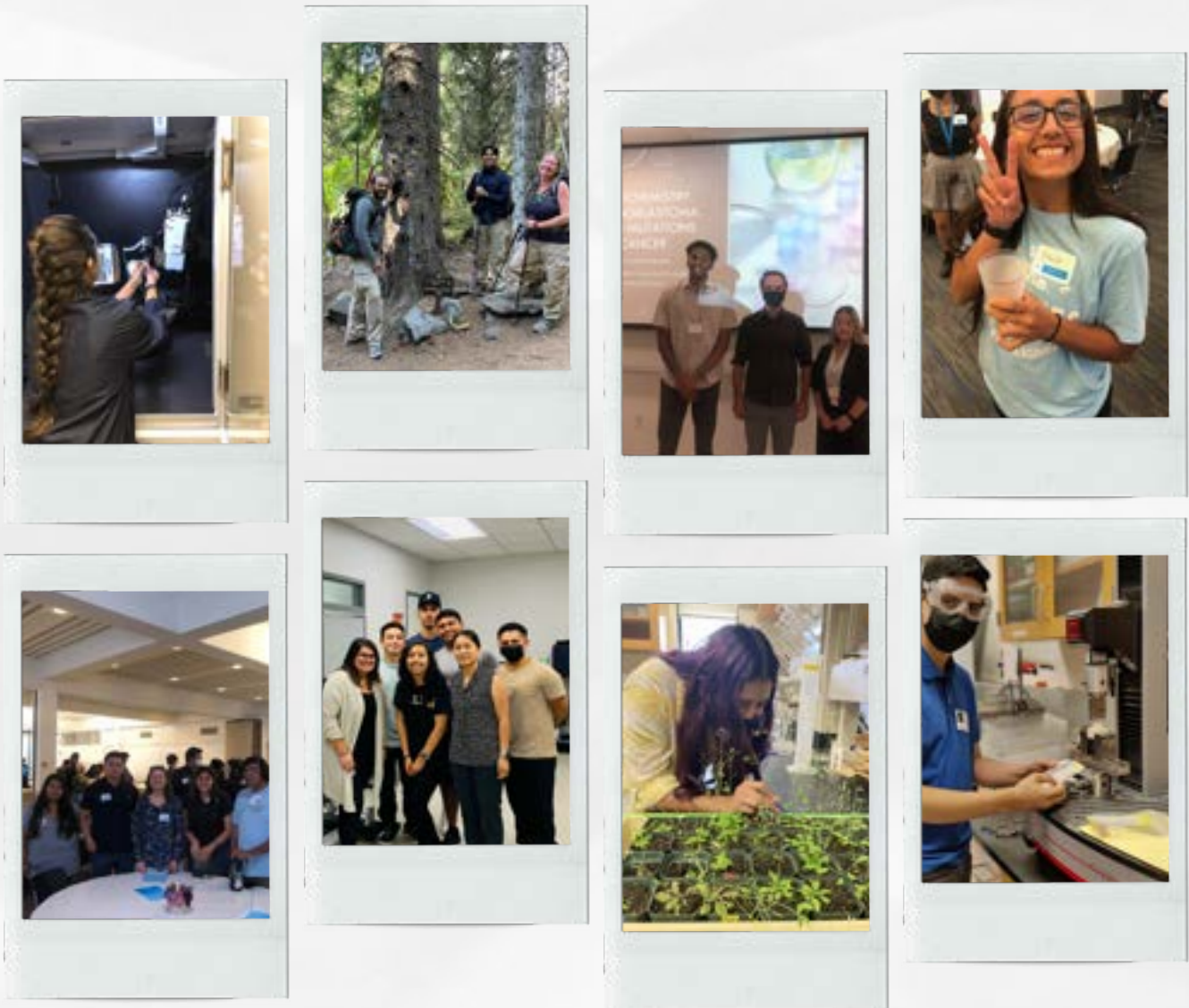
This program is a gateway for many opportunities for undergraduate students interested in conducting research or exploring their education through creative projects. The skills gained in this program are transferrable to post-graduation life and essentially fundamental for anyone seeking graduate-level experience!

## HOW TO APPLY:

Click the link: <https://www.csusb.edu/student-research/faculty/osr-undergraduate-summer-research-program> for eligibility requirements and more information.

# OSR'S UNDERGRADUATE SUMMER RESEARCH PROGRAM

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*"Research is to see what everybody else has **seen**, and to **think** what **nobody** else has **thought**"*

**Albert Szent - Gyorgyi**

# WELCOME

2022-2023 NEW COYOTE AMBASSADORS

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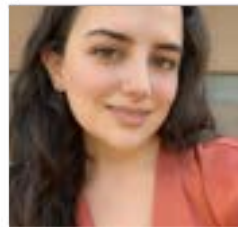
The **Coyote Research Ambassador (CRA)** program is intended to help and foster the development of a research culture on our campus while also increasing the exposure of the OSR. CRAs offer peer-to-peer advising, student workshops, and support for on-campus events, all while working to improve the research experience for students and encourage more first-year and transfer students to seek out opportunities to engage in the interactive research opportunities obtainable on campus.



**Student:** Shannon Lopez

**College:** Social and Behavioral Sciences

**Major:** Biological Psychology



**Student:** Negin Ghaffari

**College:** Social and Behavioral Sciences

**Major:** Psychology



**Student:** Kenya Luna

**College:** Social and Behavioral Sciences

**Major:** Psychology



**Student:** Alejandra Ramirez

**College:** Natural Sciences

**Major:** Kinesiology, Exercise Science

## REQUEST A CRA PRESENTATION!

CRAs are available for class or zoom presentations and workshops on a variety of topics, including getting involved in research, finding a faculty mentor, writing a personal statement, and more.

Email [OSR@csusb.edu](mailto:OSR@csusb.edu)  
for more information

# HELPFUL TIPS



## NETWORKING

Networking may seem overwhelming as a college student, however, it doesn't have to be! As we transition into in-person courses, making connections with faculty, staff, and your peers is crucial. There are many benefits to networking with faculty and fellow peers, such as stepping away from your comfort zone, building confidence, and developing professionalism. These skills are transferrable to both your academic and personal life. Most importantly, networking can help you learn more about your passions and dislikes. Networking expands your knowledge and is a foundation for higher education students.

One way to begin networking is to get in contact with our CRAs: <https://www.csusb.edu/student-research/coyote-research-ambassadors/ambassador-profiles>

### A GUIDE TO NETWORKING

**Introduce Yourself:** The best way to make yourself stand out is to simply introduce yourself to the professor. Be friendly, sincere, and respectful. Understand that saying "what's up" to a faculty mentor is NOT the proper way to address them!

**Get Involved:** Join a club or a study group! Socializing among peers will make it easier to communicate with others. Campus involvement is one way that faculty/staff will recognize you. If interested, joining a research lab is also another method of networking!

**Don't be Scared:** It may come off as scary or intimidating when introducing yourself to faculty/staff; however, breaking the ice sooner than later will help you in the long run. Remind yourself that growth is uncomfortable, and to stand out, you have to put yourself out there!

### BENEFITS OF NETWORKING

**Acquire Experience:** The experiences you acquire while networking impact you forever. From your personal life to your career, the experiences gained will help you in the future. Furthermore, these experiences can open so many opportunities that you may have never foreseen before networking.

**Establish Meaningful Relationships:** Aside from professional relationships, you can make meaningful friendships along your journey. Some of the best friendships can arise from simply working with a partner in a research lab or even from an academic club you joined.

**Develop Self-Confidence:** Networking allows you to challenge yourself on both an academic and social standing. With that in mind, you develop self-confidence to demonstrate your professionalism and competence and ultimately show everyone your capabilities. This is important when finding a job opportunity!

Written by: Paola Boshra

# NEW SCHOLARS ACCEPTED TO THE MELLON MAYS PROGRAM

Congratulations to the newest Mellon Mays Undergraduate Fellows! We look forward to seeing your hard work and research contributions within your fields.



**Brionne Zamrii-Garland**  
**Mentor: Dr. Kate Simonian**  
**Project Title: Survival Bonds**

**Biography:** Brionne is a trans, queer rhetoric major who focuses on concerns of power and resistance particularly in the communities that he belongs to. They are interested in how to strengthen those communities in number and support through the ways we communicate with each other as well as the public.



**Emma Larsen**  
**Mentor: Dr. Hareem Khan**  
**Project Title: Cultural Appropriation in Korean Hip-Hop**

**Biography:** Emma is a second-year Anthropology student at CSUSB. She lives in Rancho Cucamonga with her mom and cat, but also stays with her dad in Layton, Utah. Emma spends most of her time reading and writing, the latter of which being her greatest passion.



**Serenity Chavez**  
**Mentor: Dr. Kaitlyn Creasy**  
**Project Title: Epistemic Injustice and Disability**

**Biography:** Serenity is a Philosophy major with a Pre-Law minor. She is interested in philosophy of disability, social epistemology, and phenomenology. Serenity hopes to earn a Ph.D in philosophy so that she can become a professor and be paid to philosophize for the rest of her life.



**Mariano Sebastian Peinado**  
**Mentor: Dr. Ryan Keating**  
**Project Title: The legendary story of Justice Cruz Reynoso**

**Biography:** Mariano is a History major with a minor in Music. He was born and raised in El Centro, CA and is currently a part of the Mariachi Los Coyotes here at CSUSB. Mariano is interested in history because he is interested in connecting the past with the present. Mariano hopes to pursue his Ph.D in Chicano or Ethnic Studies to further understand the ethnic and cultural diversity within the community.

# BECOME A MELLON SCHOLAR

APPLY FOR THE MELLON MAYS UNDERGRADUATE FELLOWSHIP PROGRAM

## BENEFITS INCLUDE:

- Faculty Mentorship
- Research Opportunities
- Professional Development
- Financial Support
- Graduate School Preparation

## APPLICATION OPENS

01-15-2023

## APPLICATION DEADLINE

04-30-2023

## VISIT THE WEBSITE

[www.mmuf.org/about/eligible-fields-study](http://www.mmuf.org/about/eligible-fields-study)

## FOR MORE INFORMATION, CONTACT

Email: [mmuf@csusb.edu](mailto:mmuf@csusb.edu)  
Office of Student Research

## APPLICATION AVAILABLE

[www.csusb.edu/MMUF](http://www.csusb.edu/MMUF)

Info Session: January 24th & April 4th, 2023

Time: 12:00 pm

Location: CE 355



# U-RISE PROGRAM

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The **NIH-funded U-RISE program (Undergraduate Research Training Initiative for Student Enhancement)** is seeking excellent undergraduate students who plan to continue their academic careers and gain a Ph.D. in research-based disciplines that have relevance to health (psychology, biology, chemistry, kinesiology, etc.)!

Students selected for the U-RISE program will receive a stipend of over \$1,100 per month while working with a CSUSB faculty researcher, travel money for conferences, a tuition waiver that will cover approximately 50% of tuition expenses, and summer placement in a research laboratory at a major university.

## **PRINCIPAL INVESTIGATOR**

Dr. Cynthia Crawford, a professor in the Department of Psychology, is the Program Associate Director for the U-RISE Program. Her area of research focuses on animal and human models of drug addiction, second messenger system pharmacology, and developmental neuropsychopharmacology.

## **CRITERIA**

To be eligible for support, students be a full-time undergraduate student majoring in biomedical sciences—such as biology, chemistry, physics, mathematics, psychology, etc. – and be attending California State University, San Bernardino, must have a strong GPA, goals consistent with the purpose of the U-RISE grant (i.e., the intention of gaining a Ph.D. in a health-related field), a desire to be actively involved in research, and have two years remaining in their undergraduate careers.

## **ADDITIONAL INFORMATION**

Appointments are usually made in twelve-month increments and are open to U.S. citizens, non-citizen nationals, or those who have been lawfully admitted for permanent residents of the United States at the time of appointment.

## **CONTACT**

Interested students should contact Dr. Cynthia Crawford (Program Associate Director) at [ccrawfor@csusb.edu](mailto:ccrawfor@csusb.edu).



# U-RISE PROGRAM

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## HERE IS WHAT DR. CRAWFORD HAS TO SAY ABOUT THE PROGRAM



**DR. CYNTHIA CRAWFORD**  
**PROFESSOR OF PSYCHOLOGY**

### HOW WILL THE PROGRAM TRANSFORM THE EDUCATION OF UNDERGRADUATE STUDENTS?

U-RISE scholars participate in a research-intensive experience under some of the best faculty mentors at CSUSB. Great care is taken to match students up with researchers who are doing high-quality work in the student's area of interest. During the second summer of the program, U-RISE scholars go on a 10-week summer research experience at a major R1 research institution. The main focus during the summer experience is participating in the laboratory of a nationally recognized researcher, but there are also workshops and events available to students that cover such topics as GRE preparation, writing effective letters of recommendation, etc. By being actively involved in research at CSUSB, and experiencing the exciting world of research at a major research-intensive institution, the U-RISE program provides

transformative experiences for our undergraduate students, many of whom advance to doctoral programs in health-related fields.

### WHAT CAN STUDENTS EXPECT TO LEARN, GAIN, AND EXPERIENCE DURING THE PROGRAM?

The primary focus of the U-RISE program is to gain research experience; therefore, the U-RISE scholar can anticipate becoming actively involved in a productive research laboratory or research program at CSUSB. The goal of all U-RISE mentors is to conduct quality research and disseminate their findings through presentations at national conferences and articles published in quality peer-reviewed journals. The U-RISE scholar is expected to become part of this process, and the expectation is that U-RISE scholars will actively participate at regional and national conferences and become co-authors of peer-reviewed publications. In addition, U-RISE scholars are enrolled in specialized classes in which grant writing, manuscript evaluation and preparation, and research ethics are taught. After gaining these various experiences, we anticipate that the U-RISE scholar will be well prepared to advance to a doctoral program in their chosen field of interest.

### WHAT ARE THE BENEFITS OF THIS PROGRAM FOR THE UNIVERSITY AND FACULTY?

Student success, in and of itself, is always a benefit to the university and faculty, and the entire purpose of the U-RISE program is to foster student success. U-RISE scholars are more likely than the general student population to advance to doctoral programs and achieve the Ph.D. or M.D./Ph.D. degree. These former U-RISE scholars often go on to postdoctoral fellowships and eventually make a career in a health-related field. In the short-term, faculty benefit from the U-RISE program because they have an NIH-funded student working in their laboratory. The university also supports and recognizes those faculty members working with U-RISE students. In sum, the U-RISE mentor and U-RISE scholar form a productive relationship that benefits the student, the faculty member, and the university.



# PROGRAM DESCRIPTIONS & EVENT DEADLINES

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## COYOTE RESEARCH AMBASSADOR

**Purpose:** Ambassadors work to inspire broader engagement in research and creative activity by educating and serving the CSUSB campus community.

**Amount:** \$16.00/Hr  
**Deadline:** May 21, 2023

## UNDERGRADUATE SUMMER RESEARCH PROGRAM

**Purpose:** A 10-week mentored research program which provides funding and resources to support undergraduate students (enrolled in the Fall) complete a mentored research project.

**Amount:** \$5000/Faculty  
\$3200/Student  
\$500 Materials  
**Deadline:** December 14th, 2022

## OUTSTANDING STUDENT RESEARCHER AWARD

**Purpose:** Designed to acknowledge one graduate and one undergraduate student who has demonstrated exemplary scholastic work in both their academics and research.

**Amount:** \$500  
**Deadline:** February 26, 2023

## "MEETING OF THE MINDS", STUDENT RESEARCH SYMPOSIUM

**Purpose:** For students to present any research conducted throughout the academic year, within all colleges and disciplines.

**Amount:** N/A  
**Deadline:** February 26, 2023

## FACULTY RESEARCH & CREATIVE ACTIVITIES MENTOR AWARD

**Purpose:** Awarded to one faculty member from each college, whose mentoring is considered exemplary.

**Amount:** \$2000  
**Deadline:** February 26, 2023

## CSUSB STUDENT RESEARCH COMPETITION

**Purpose:** Students of all class levels compete for a place on the CSUSB team which will attend the CSU Research Competition.

**Amount:** N/A  
**Deadline:** December 18, 2022

**SHOULD ADDITIONAL FUNDING BECOME AVAILABLE, SPRING APPLICATION DATES WILL BE ANNOUNCED.**

# PROGRAM DESCRIPTIONS & EVENT DEADLINES

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## FACULTY/STUDENT GRANT

**Purpose:** The Faculty/Student Grants are designed to facilitate the initiation and development of collaborative research or creative activity (RCA) between students and faculty. Projects under this program are intended to provide students with in-depth “hands-on” experience in the research or creative activity process.

**Amount:** \$1500

**Deadline:** September 25, 2022

## STUDENT SUCCESS INITIATIVE (SSI) CULMINATING GRANT

**Purpose:** This program is designed for graduate students completing a thesis, project, or dissertation. Funds from the SSI Culminating Project Fund, if awarded, must be used to support recipients’ thesis, project, or dissertation research or professional development activities.

**Amount:** \$2000

**Deadline:** October 30th, 2022

## PEER RESEARCH CONSULTANT

**Purpose:** the OSR Peer Research Consultant program provides instructors with an undergraduate or graduate student who serves as the Peer Consultants, and whose assistance contributes to turning course assignments into research projects.

**Amount:** \$16.00/Hr

**Deadline:** November 20, 2022

## PEER LAB CONSULTANT

**Purpose:** The Office of Student Research (OSR) at California State University, San Bernardino has designed a Peer-Lab instruction program modeled after Supplemental Instruction (SI) to assist students by providing regularly scheduled, out-of-class supplemental instruction sessions.

**Amount:** \$16.00/Hr

**Deadline:** November 20, 2022

## ASI STUDENT RESEARCH & TRAVEL GRANT

**Purpose:** This program supports both undergraduate and graduate student research and creative activities by providing funding to support student research. Students may use the funding to conduct research for an independent study, an academic course, honor’s project, or master’s thesis project, to present at a conference, or attend a conference.

**Amount:** \$1000

**Deadline:** 20th of every month (September-April)

## MELLON MAYS UNDERGRADUATE FELLOWSHIP

**Purpose:** The Mellon Mays Undergraduate Fellowship (MMUF) is a 2-year program at CSUSB that provides financial support, research mentorship, and assistance with graduate school applications.

**Amount:** N/A

**Deadline:** April 30, 2023

**SHOULD ADDITIONAL FUNDING BECOME AVAILABLE, SPRING APPLICATION DATES WILL BE ANNOUNCED.**

# CALL FOR SUBMISSIONS

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## CSUSB STUDENT RESEARCH COMPETITION

The CSUSB Student Research Competition gives students the opportunity to develop their presentation and communication skills while showcasing their scholarly achievements. Students present their research before a panel of judges and winners advance to the statewide CSU Research Competition, where they will compete against other outstanding scholars in the California State University system.

Application Deadline: **December 18, 2022**

## UNDERGRADUATE SUMMER RESEARCH PROGRAM

The Undergraduate Summer Research Program provides funding and resources to support undergraduates who are interested in any research projects or scholarly activities related to their field. The ten-week program begins the last week of June and includes a series of workshops designed to develop students' research and presentation skills and help them prepare for graduate school. The Summer Research Program culminates in an undergraduate research conference where students will present their findings.

Application Deadline: **December 14, 2022**

## "MEETING OF THE MINDS", STUDENT RESEARCH SYMPOSIUM

At the Meeting of the Minds Student Research Symposium, CSUSB graduate, and undergraduate students have the opportunity to showcase their research and creative activities (RESCA) through oral and poster presentations. This event is an excellent opportunity for students to refine their presentation skills while sharing their talents and knowledge with others. Participants with the best oral and poster presentations will receive an award and be recognized during the reception and award ceremony.

Application Deadline: **February 26, 2023**



**ALL APPLICATIONS ARE AVAILABLE IN INFOREADY AND THROUGH THE RESPECTIVE WEBPAGES OF THE OSR.**

# HIGHLIGHTS

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## **SOUTHERN CALIFORNIA CONFERENCES FOR UNDERGRADUATE RESEARCH 2022**

**Southern California Conferences for Undergraduate Research (SCCUR)** is an organization of Southern California faculty, administrators, and interested members of the community who share the common goal of improving education for college and university students through hands-on experiences of undergraduate research, scholarship, and creative activity. SCCUR supports inquiry-based education, in which students learn while doing, working closely with faculty mentors on significant academic projects and presenting their results to audiences in a professional manner.

In November 1993, a group of educators in the greater Los Angeles area organized the first interdisciplinary Southern California Conference for Undergraduate Research at the California Institute of Technology.

Since then the conference has been hosted annually by a local institution, always on the Saturday before Thanksgiving.

In recent years SCCUR's conference has drawn from seven to nine hundred undergraduate student participants presenting their work in the form of oral presentations, posters, and creative exhibits and performances, as well as their faculty mentors and guests. Participants come from approximately 80 institutions in Southern California and the rest of the nation, with some international presenters.

SCCUR's cornerstone program is a one-day conference held each November on the campus of a college or university in the greater Los Angeles area. Its purpose is to provide a forum for the presentation and discussion of the best research, scholarship, and creative work of undergraduates in the region and thus encourage excellence in undergraduate achievement.

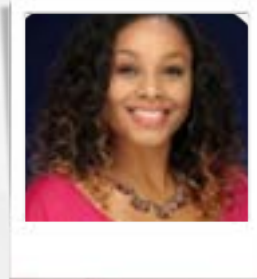
And, a special thanks to all the student presenters for showcasing all of their hard work and dedication put into their research.

**The SCCUR conference will be held at Pepperdine University located in Malibu, CA.**

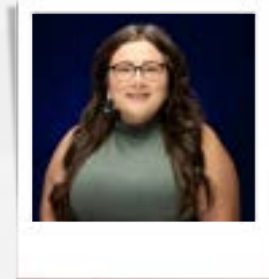
## MEET THE OSR STAFF



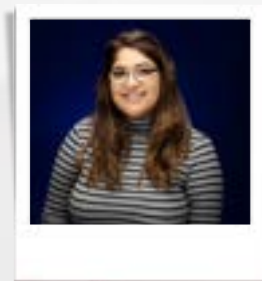
**DR. RYAN W. KEATING**  
FACULTY DIRECTOR



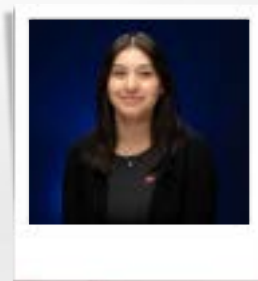
**DANIELLE WHITE**  
PROGRAM MANAGER



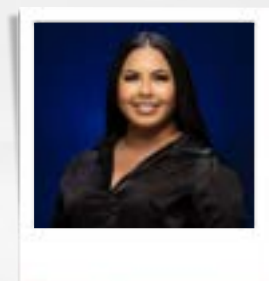
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**MARIA STROUD**  
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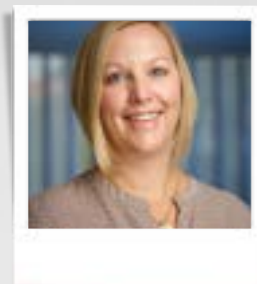


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