Project RAISE Undergraduate Research Experience Application

#### **Program Description**

# Project RAISE Undergraduate Research Experience Application

Please note, this application should be completed in one sitting, and it is <u>not</u> <u>compatible with mobile devices</u>.

We recommend you prepare the following materials prior to starting your application:

- 1. Recommender Information: Name, Title (i.e. Assistant Professor), E-mail address, and college of employment.
- 2. Review the application PDF to ensure you have collected all application materials <u>here</u>.
- Prepare your responses to the two short answer questions (questions provided below)
- 4. Prepare a personal statement (prompt provided below)
- 5. Current copy of your resume
- 6. Prepare PDF files of your unofficial transcripts from <u>all</u> the colleges/universities that you have attended
- Merge your resume and transcripts into one PDF file saved as follows: CommunityCollegeName\_LastName\_FirstName (i.e. CSUF\_Titan\_Tuffy)

### **Short Answer Questions**

Prepare short answer responses (no longer than 150 words or 1,000 characters each) for the following prompts:

- 1. We understand that students have a variety of commitments and engage in various activities outside of the classroom. Please discuss your typical involvement in extracurricular activities, family responsibilities, work, and/or community service.
- 2. What are your expectations of your faculty mentor, your lab mates, and the URE research community during the 8 weeks of the Undergraduate Research Experience? How do you expect to contribute to the lab, team, and URE community?

### **Personal Statement Prompt**

Prepare a personal statement no longer than 500 words or 3,000 characters.

Describe why you want to participate in the Undergraduate Research Experience. Please make sure to address the following points:

- Your short-term and long-term goals.
- How your personal background and experiences have motivated you to pursue these goals.
- The steps you have taken towards achieving your goals. Feel free to include any volunteer activities, class projects, or other experiences that have prepared you for the Undergraduate Research Experience.
- How might the Undergraduate Research Experience help you to achieve your goals?

### **URE Program Description**

The Undergraduate Research Experience (URE) is an opportunity **exclusively offered to community college students** majoring in science, technology, engineering, and mathematics (STEM) who attend any of the following Project RAISE partner colleges:

- Citrus College
- Cypress College
- Fullerton College
- Golden West College
- Irvine Valley College
- Orange Coast College
- Saddleback College
- Santa Ana College
- Santiago Canyon College

URE participants have an opportunity to conduct research at California State University, Fullerton (CSUF) in an 8-week summer program. URE is exclusively for **current** community college students from these partner institutions working toward their first undergraduate degree. Latina/o/e students are strongly encouraged to apply!

#### The program will run from June 20 to August 11, 2023.

Selected students will gain first-hand experience in scientific investigation in a dynamic, collaborative research environment. CSUF faculty mentor and support students throughout the experience.

This opportunity requires a full-time commitment of at least 40 hours per week, which may require work on the weekends. **Do not apply if you are planning to work, take summer classes, travel, or be out of town during the duration of the program.** Students receive a \$5,000 stipend for their research and work throughout the summer. Stipend limited to U.S. citizens, U.S. nationals, U.S. permanent residents, and DACA beneficiaries.

Students not selected for URE during this application cycle are highly encouraged to continue engaging with Project RAISE and apply for the program in future years.

### **Program Benefits**

- Join a Cal State Fullerton research team for the summer
- Conduct scientific research supervised by a CSUF faculty mentor
- Present your findings at the Summer Research Symposium
- Collaborate with program participants and CSUF students
- Expand your professional STEM network
- Discuss your research experiences at your community college following URE

## **URE Eligibility Requirements**

- Good academic standing and enrolled at a Project RAISE partner community college through spring 2023
- Pursuing your first undergraduate degree
- Declared major in science, technology, engineering, or mathematics
- Passed two communicity college coourses in science, technology, or engineering by June 20, 2023
- Meet pre-requisites for Calclus 1 at your college by June 20, 2023
- Commit at least 40 hours per week during the Undergradute Research Experience
- Stiepnd available to U.S. Citizens, U.S. Nationals, U.S. Permanent Residents, and DACA beneficiaries. Fully undocumented students may apply for the program as volunteers.

- High school students in Dual Enrollment programs at the community college are not eligible for the program
- International students are not eligible for the program

### **URE Application Components**

Only complete applications will be reviewed. No paper applications will be accepted.

Complete applications include:

- Completed online application (this one)
- One page resume (submitted within this online application)
- Unofficial transcripts from <u>ALL</u> colleges and universities you've attended (submitted within this online application)
- Two short answer responses (pasted into this online application)
- One personal statement (pasted into this online application)
- One letter of recommendation submitted online (separately by your professor or counselor)

# **URE Application Timeline**

- Application opens: November 1, 2023
- Application deadline: Monday, March 6, 2023
- Recommendation deadline: Wednesday, March 8, 2023
- Finalists invited to interview: Friday, March 24, 2023
- Selected students interview at CSUF: March 27-April 7, 2023
- Final program decisions sent: Thursday, April 20, 2023

- Program orientation & kick-off: Tuesday, June 20, 2023
- Program duration: June 20-August 11, 2023

### **Need Additional Time to Prepare?**

This application must be completed in one sitting. If you need additional time to prepare, we encourage you to sign up for the URE mailing list. We will send email reminders about the application deadlines and provide you with insights about the application process. <u>Click here to sign up for the URE mailing list.</u>

### **Ready to Apply?**

Click on the "Next Page" button and begin your URE application!

**Applicant Information** 

First Name

Preferred First Name, if different than above

Last Name

Best email to reach you

Please re-enter the best email to reach you

School ID Number (from your community college)

Eligibility

# Eligibility

The following questions will determine your eligibility for the Undergraduate Research Experience program and the program stipend. If you are found not eligible, you will receive a message with contact information, then taken to the end of the application. We encourage you to contact us with questions regarding your eligibility.

### Citizenship Status

The Undergraduate Research Experience is funded through the U.S. Department of Education; the stipend is only open to U.S. citizens, U.S. nationals, U.S. permanent residents, and DACA beneficiaries.

- O U.S. Citizen
- **O** U.S. National
- O U.S. Permanent Resident
- O International Student (J1/F1)
- O Deferred Action for Childhood Arrivals (DACA) Recepient
- O AB 540 or Undocumented Student
- **O**ther

Undocumented students who do not have DACA status are eligibe to participate in the program as unpaid volunteers.

Volunteer applicants will go through the same rigorous selection process as all other program participants and must participate fully in the program. If you are unable to volunteer for the program without payment, we encourage you to identify other opportunities that may be better suited for your needs.

Students who are able to participate in the Undergraduate Research Experience as unpaid volunteers are encouraged to continue the application process.

Would you like to apply as an unpaid volunteer?



O No

At the time of your application, have you already graduated from high school or received a GED?



O No

I am a student at (if attending multiple institutions, please identify your primary school):

- O Citrus College
- O Cypress College
- O Fullerton College
- O Golden West College
- O Irvine Valley College
- O Orange Coast College
- O Saddleback College
- O Santa Ana College
- O Santiago Canyon College
- O Other:

Are you planning to transfer to a four-year university to pursue your first bachelor's degree?

- Yes, I'm currently working on the transfer requirements for my first bachelor's degree.
- No. I already have a bachelor's degree, and I'm working on requirements for a second bachelor's degree or a master's program.

Will you have passed one community college math course with a grade of C or better and meet or exceed your college's math requirement for URE by June 20, 2023?

Math Requirement by Campus:

- Cypress College: Calculus 1 (MATH 150A)
- Fullerton College: College Algebra (MATH 141F) & Trigonometry (MATH 142F)
- Golden West College: Precalculus (MATH G170) OR College Algebra (MATH G115) & Trigonometry (MATH G120)
- Irvine Valley College: Precalculus (MATH 2)
- Orange Coast College: Precalculus (MATH A170)
- Saddleback College: Precalculus (MATH 2)
- Santa Ana College: Precalculus (MATH 170) OR College Algebra (MATH 140) & Trigonometry (MATH 162)
- Santiago Canyon College: Precalculus (MATH 170)
- O Yes I have already met or exceeded this requirement
- O Yes I am taking a class that fulfills this requirement in the fall 2022 term
- Yes I plan on taking a class that fulfills this requirement in the spring 2023 term

• No - I will not be able to meet this requirement before the start of the Undergraduate Research Experience

Will you have passed at least two community college science, technology, and/or engineering courses with a grade of C or better by June 20, 2023?

- Yes I have already met or exceeded this requirement
- Yes I am fulfilling this requirement in the fall 2022 semester
- Yes I plan to fulfill this requirement in the spring 2023 semester
- No I will not be able to meet this requirement before the start of the Undergraduate Research Experience

**Qualtrics Survey Software** 

Citrus College students must complete a different application process for the Undergraduate Research Experience. Our applications are very similar, and include the same questions, but they are submitted through different systems.

Please contact Victoria Dominguez at vdominguez@citruscollege.edu or Monica Hernandez at monicahernandez@citruscollege.edu to learn more about the application process for Citrus College students. Qualtrics Survey Software

**Demographic Information** 

# **Demographic Information**

Home Address

Street Address	
City	
State	
Zip Code	

Phone Number - Please include dashes in your number, i.e.: 657-278-XXXX

Phone Number provided is:

- O Personal cell
- O Shared cell
- O Shared home

#### Gender

- O Male
- O Female
- O Nonbinary
- O Other

### Pronouns

$\bigcirc$	He/Him/His
$\smile$	110/11111/1115

- O She/Her/Hers
- O They/Them/Their
- O Ze/Hir/Hir
- O Other

### Date of Birth (MM/DD/YYYY)

### Race/Ethnicity (please select all that apply)

- Hispanic or Latina/o/e
- American Indian or Alaska Native
- Asian
- Black or African American
- Native Hawaiian or other Pacific Islander
- **White**

Are you in the first generation of your family to go to college?

- O Yes
- O No

Are you currently working?

O Yes

🔿 No

Where do you work?

How many hours per week do you work?

Are you willing and able to leave your job for the duration of the Undergraduate Research Experience?

O Yes

O No

Do you qualify for financial aid? (Check all that apply)

I am receiving the California College Promise Grant

I am receiving Cal Grants

I am receiving the Federal Pell Grant

I do not know if I qualify for financial aid

I did not apply for financial aid

I do not qualify for need-based financial aid

Have you ever been convicted of a crime, other than a minor traffic violation, including Nolo Contendere Plea (a plea of no contest)? This does not automatically disqualify you from participating in URE.

O Yes

If yes, please explain.

**Academic Profile** 

### **Academic Profile**

### **Academic History**

Please list up to 10 of the most recent STEM classes you have passed or are

currently taking in reverse chronological order. Start with the classes you're taking this semester, and continue making your way backward throughout your academic career, only listing the classes you have passed with a C or higher.

#### **STE Requirement**

As a reminder, students must have passed two courses in Science, Technology, and/or Engineering (STE) at their community college to qualify for the Undergraduate Research Experience (URE). Please list the classes that help you fulfill this requirement below.

### Math Requirement

Students must also pass the prerequisites for Calculus 1 by June 20, 2023. Please ensure your list below includes the highest level mathematics course you have taken in college and that it meets or exceeds the minimum mathematics requirement for the program.

### **Course Requirements In Progress**

You may be currently enrolled in a class or classes that fulfill these requirements. Please make sure you pass these class(es) by June 20, 2023.

	College	Class Taken	Year Taken	Semester Taken	
	i.e. Citrus College	CourseClass NameNumber(i.e. Pre-(MATHCalculus)			
1. Class					

Meeting 1st STE Requirement		÷		Ĵ
2. Class Meeting 2nd STE Requirement				ÐE
3. Class meeting Math Requirement		\$	E	ÐE
4. Additional STEM Class		<b>+</b>		ÐE
5. Additional STEM Class		<b>( +</b> )	E	ÐE
6. Additional STEM Class		<b>(</b>		ŧ
7. Additional STEM Class		<b>(</b>		ÐE
8. Additional STEM Class		<b>+</b>		ÐE
9. Additional STEM Class		<b>( †</b> )		¢
10. Additional STEM Class		<b>( †</b> )		¢

1.

I.

How many college units will you have completed as of December 31, 2022?

How many college units do you plan to complete in the spring 2023 semester?

Overall GPA

STEM GPA: Please calculate your cumulative GPA for the courses that you've taken in science, technology, engineering, and mathematics. <u>Click here for a</u> <u>GPA calculator.</u>

When do you plan to transfer to a four-year university?

**O** Fall 2023

O Spring 2024

<b>()</b> Fall 2024	Ο	Fall	2024
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- O Spring 2025
- O Other (include term and year):

Select the colleges and universities that you are considering as potential transfer schools. Please limit your list to your preferred 10 schools.

CSU Bakersfield	UC Los Angeles
CSU Channel Islands	UC Merced
CSU Chico	UC Riverside
CSU Dominguez Hills	UC San Diego
CSU East Bay	UC Santa Barbara
CSU Fresno	UC Santa Cruz
CSU Fullerton	Brown University
CSU Humboldt (Humboldt State)	California Institute of Technology (Cal Tech)
CSU Long Beach	Claremont McKenna College
CSU Los Angeles	Columbia University
CSU Maritime Academy	Cornell University
CSU Monterrey Bay	Dartmouth College
CSU Northridge	Duke University
CSU Pomona (Cal Poly Pomona)	Georgetown University
CSU Sacramento	Harvard University
CSU San Bernardino	Harvey Mudd College
CSU San Diego (San Diego State)	Johns Hopkins University
CSU San Francisco (San Francisco	Massachusetts Institute of Technology

State University)	(MIT)
CSU San Jose (San Jose State)	Northwestern University
CSU San Luis Obispo (Cal Poly San Luis Obispo)	Pomona College
CSU San Marcos	Princeton University
CSU Sonoma (Sonoma State)	Stanford University
CSU Stanislaus	University of Chicago
UC Berkeley	University of Pennsylvania
UC Davis	University of Southern California (USC)
UC Irvine	Other (if entering multiple schools, separate with a semicolon ";"):

What is your intended major? Note: the Undergraduate Research Experience is only available for STEM majors.



#### Recommendations

## Recommendations

One recommendation is required to complete your URE application. It must come from either a community college professor or counselor.

The recommendation will address:

- How the recommender knows you
- Their assessment of your interest in STEM
- Their assessment of your ability to problem solve and/or conduct research
- Their assessment of your ability to work as part of a team
- Their understanding of your educational and professional goals

Specific examples of any of the points above are helpful, but not necessary.

Please inform your recommenders that they will need to complete the recommendation form online at www.fullerton.edu/projectraise by March 8, 2023.

Submit your recommenders' information below:

First Name

Last Name	
Title (i.e. Counselor,	
Associate	
Professor)	
E-mail Address	

My recommender works at this institution:

Short Answer, Personal Statement, and Attachments

## **Short Answer Questions**

Please answer each of the following questions in 150 words or less.

We understand that students have a variety of commitments and engage in various activities outside of the classroom. Please discuss your typical involvement in extracurricular activities, family responsibilities, work, and/or community service.

What are your expectations of your faculty mentor, your lab mates, and the URE research community during the 8 weeks of the Undergraduate Research Experience? How do you expect to contribute to the lab, team, and URE community?

## **Personal Statement**

Instructions:

Your personal statement should address the question below in 500 words maximum.

Describe why you want to participate in the Undergraduate Research Experience.

Please make sure to address the following points:

- 1. Your short-term and long-term goals.
- 2. How your personal background and experiences have motivated you to pursue these goals.
- 3. The steps have you taken toward achieving your goals. Feel free to include any volunteer

activities, class projects, or other experiences that have prepared you for the Undergraduate

Research Experience.

4. How will the Undergraduate Research Experience help you achieve your goals?

# **Resume and Transcripts**

Please submit a copy of your most updated resume and <u>transcripts from all the</u> <u>colleges/universities that you've attended</u>. Unofficial transcripts are okay!

#### Your Resume should be no longer than one page.

Your transcripts must be submitted in PDF format. If your school does not allow you to download a pdf of your unofficial transcripts, consider one of the following options:

#### **Converting Transcripts to PDF:**

Option 1: Save the document as a PDF using your computer's print system.

- Windows 10: Click File --> Print, under printer or destination select "Print as PDF" click print, and save with a new title.

- MacOS: Click File --> Print, look for the PDF button on the lower left corner, click on that pull-down menu and select, "Save as PDF" and save with a new title.

Option 2: Print out your transcripts and scan them using a printer that allows you to save your scans as PDF.

Option 3: Take screenshots of your unofficial transcripts, add and order the screenshots into a Microsoft Word document, save the document as a PDF.

<u>Please make sure that your transcripts are legible. If we cannot see the course or</u> <u>grades received, we will not consider the transcript as received.</u>

#### Submission Instructions

Merge your transcripts and resume into one PDF file. Your resume should be the first page, followed by your transcripts from all the colleges/universities that you have attended. The transcripts for each school should be in reverse chronological order, starting with the most recent school attended.

#### **File type: PDF**

<u>Filename</u>: CommunityCollegeName\_LastName\_FirstName <u>Example</u>: CSUF\_Titan\_Tuffy

## Confirmation

Once you confirm that all the information in the application is correct, please click next, read the following statement, then submit your application.

#### Signature and Next Steps

By signing (electronically) below I hereby certify to the best of my knowledge that all information submitted as a part of this application is complete and correct. I understand that failure to disclose accurate information is grounds for immediate termination from this program. By signing below, I understand that as a program student in the Project RAISE Undergraduate Research Experience, my name, program status, and other educational information will be shared with the Project RAISE team at the partner community college I attend and at CSU Fullerton.



Thank you for completing your URE23 application!

Your responses will be recorded once you click submit. After clicking submit you'll have an opportunity to download a pdf of your application for your records.

Your application submission will generate an automated email to your recommender. We highly encourage that you communicate with your recommender about the recommendation process. You will be copied in our email to your recommender.

As a reminder, the recommendation must be submitted by March 8, 2023 by 11:59 p.m. The link for the recommendation can be found on the Project RAISE website: fullerton.edu/projectraise.

Please contact Project RAISE at raise@fullerton.edu with any questions.

**URE23** Application

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