

# 2018 ACCESS Summer Research Institute Application

June 11 – August 10, 2018

APPLICATIONS accepted through February 26, 2018

Name: \_\_\_\_\_ Community College: \_\_\_\_\_

Funded by NIH, the goals of the ACCESS program are to increase the numbers and capabilities of minority scientist and science professionals and to prepare students for careers in biomedical research. The scope of this program is to increase transfer rates, graduation rates, and participation in scientific research of diverse groups of community college students.

The ACCESS Summer Research Institute is an intensive 8-week introduction to research methods and tools with an emphasis on biomedical sciences. The program focuses on students whose academic goals and potential have been affected by disadvantageous circumstances and/or students who belong to groups with below-average UC enrollment rates.

Selected student participants (*interns*) will work under a UCSC faculty mentor on a project that focuses on current research in an area of interest indicated by the student. Interns will work with state of the art laboratory instruments, meet researchers in the biomedical field and experience the academic research environment. Workshops will be given on such topics as library research, oral presentations, writing abstracts, preparing posters, writing resumes, internships, and planning for graduate school in the sciences. Interns will have the opportunity to experience campus life, where he/she can explore his/her own academic needs and interests. Interns may live on campus and will receive a summer salary of \$3000.

## Selection Criteria

ACCESS is seeking students who are highly motivated and will significantly benefit from participation in the Summer Research Institute. Participants will be selected based upon a combination of factors listed below (*not* listed in order):

- ◆ Eligibility (listed below)
- ◆ Potential for academic and research achievement
- ◆ Strong interest and motivation in science
- ◆ Membership in ACCESS and participation in ACCESS
- ◆ Biology and chemistry coursework preparation
- ◆ Two reference reports

## Eligibility

Students must be currently enrolled full time at Cabrillo, Hartnell, Gavilan, or Monterey Peninsula College to be eligible and be a member of ACCESS (to join ACCESS, contact Pam D'Arcey). All participants must be US citizens or residents with appropriate documentation. The criteria used to establish eligibility include:

- ◆ Disadvantaged circumstances
- ◆ Low family income
- ◆ Educational level of family
- ◆ Attendance at a high school with limited college preparatory curriculum, or below-average UC enrollment rates or achievement scores
- ◆ Students may not have attended a baccalaureate institution or received a Baccalaureate degree in any discipline

**UNDERREPRESENTED MINORITIES ARE STRONGLY ENCOURAGED TO APPLY**

**APPLICATION DEADLINE: February 26, 2018**

## Checklist for Application to 2018 Summer Research Institute

1. If you have not already done so, fill out the ACCESS Membership Application. Contact the ACCESS Program Office if you need a copy of the application for membership. You cannot be considered for the Summer Research Institute until you have completed the ACCESS Membership Application. \_\_\_\_\_
2. Request two Reference Reports. Reference Reports must be confidential and emailed directly to the ACCESS Program by the person writing the letter. Letters will not be accepted if mailed in by the applicant. Please be sure to include the informational sheet with your request for a reference report. Request your reference reports **as soon as possible**, so that the writers will have plenty of time to complete them. \_\_\_\_\_
3. Complete this application; please answer all questions \_\_\_\_\_
4. Include a typed essay answering the questions listed on this application \_\_\_\_\_
5. Select three UCSC faculty members with whom you would like to work and write a statement as to why you are interested in their research (see page 6) \_\_\_\_\_
6. Get a copy (photocopies are OK) of your most recent unofficial transcript \_\_\_\_\_
7. Submit this application, your essay, and your unofficial transcript to the ACCESS Program \_\_\_\_\_
8. Note the following dates for the 2018 ACCESS Summer Research Institute:  
**June 11, 2018:** ACCESS Summer Research Institute Orientation Day. This is an all day event on the UCSC campus and it is *mandatory* for all ACCESS Interns.  
**June 18 - August 10, 2018:** 2018 ACCESS Summer Research Institute. \_\_\_\_\_

**YOUR APPLICATION WILL NOT BE CONSIDERED UNLESS YOU HAVE COMPLETED THIS FORM COMPLETELY AND SUBMITTED ALL THE REQUIRED DOCUMENTS BY FEBRUARY 26, 2018.**

**Reference reports may be submitted until March 1, 2018.**

**DOWNLOAD AND E-MAIL APPLICATION AS AN ATTACHMENT TO:**

[access@ucsc.edu](mailto:access@ucsc.edu)

**OR PRINT AND MAIL TO:**

University of California  
ACCESS Program, Dept. of Chemistry and Biochemistry  
1156 High Street  
Santa Cruz, California 95064

**FOR MORE INFORMATION CONTACT:**

ACCESS Program  
Phone: (831) 459-4606  
Fax: (831) 459-4197  
e-mail: [access@ucsc.edu](mailto:access@ucsc.edu)  
[www.access.ucsc.edu](http://www.access.ucsc.edu)

**PERSONAL INFORMATION** (*Please type or print legibly*)

Name \_\_\_\_\_ S.S.# \_\_\_\_\_  
First M.I. Last

Female \_\_\_\_\_ Male \_\_\_\_\_ Age \_\_\_\_\_ Date of Birth (month/day/year) \_\_\_\_\_

E-mail \_\_\_\_\_

Current address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Current Phone Number \_\_\_\_\_

Permanent Home Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Permanent Home Phone (if different) \_\_\_\_\_

City and Country of Birth \_\_\_\_\_ Citizenship \_\_\_\_\_

*If you are not a US Citizen, please include a copy of documentation of your US employment eligibility.*

Check the ethnic group you most strongly identify with (check only ONE):

African/African American/Black \_\_\_\_\_ Pacific Islander \_\_\_\_\_ Chinese/Chinese American \_\_\_\_\_

Mexican/Mexican American/Chicano \_\_\_\_\_ Filipino/Filipino American \_\_\_\_\_ Korean/Korean American \_\_\_\_\_

Other Spanish/Latino \_\_\_\_\_ Japanese/Japanese American \_\_\_\_\_ Other Asian \_\_\_\_\_

East Indian/Pakistani \_\_\_\_\_ Vietnamese/Vietnamese American \_\_\_\_\_ White/Caucasian \_\_\_\_\_

American Indian/Alaskan Native \_\_\_\_\_

Other (please specify) \_\_\_\_\_ Mixed (please specify) \_\_\_\_\_

**FAMILY BACKGROUND**

The primary language spoken in the home of my childhood was \_\_\_\_\_

Indicate the highest education level of your **father** (leave blank if unknown):

Grade Level \_\_\_\_\_ Some College \_\_\_\_\_ Bachelors Degree \_\_\_\_\_ Doctorate (Ph.D.) \_\_\_\_\_

High School Graduate \_\_\_\_\_ Associates Degree \_\_\_\_\_ Masters Degree \_\_\_\_\_ Other Professional Degree (please specify \_\_\_\_\_)

Indicate the highest education level of your **mother** (leave blank if unknown):

Grade Level \_\_\_\_\_ Some College \_\_\_\_\_ Bachelors Degree \_\_\_\_\_ Doctorate (Ph.D.) \_\_\_\_\_

High School Graduate \_\_\_\_\_ Associates Degree \_\_\_\_\_ Masters Degree \_\_\_\_\_ Other Professional Degree (please specify \_\_\_\_\_)

Father's Occupation \_\_\_\_\_ Mother's Occupation \_\_\_\_\_

# of Brothers \_\_\_\_\_ Ages \_\_\_\_\_ # of Sisters \_\_\_\_\_ Ages \_\_\_\_\_

# of siblings attending college \_\_\_\_\_ # of siblings graduated from college \_\_\_\_\_

Do you have children? No \_\_\_\_\_ Yes \_\_\_\_\_ Ages \_\_\_\_\_ Single parent? No \_\_\_\_\_ Yes \_\_\_\_\_

**EDUCATION**

Last High School Attended \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_

High School Diploma received? Yes \_\_\_ No \_\_\_ GED/High School Equivalency? Yes \_\_\_ No \_\_\_

College now enrolled \_\_\_\_\_ Major Course of Study \_\_\_\_\_

Enrollment began: Semester: Spring \_\_\_ Summer \_\_\_ Fall \_\_\_ Winter \_\_\_ Year: \_\_\_\_\_

Units completed (at current college) \_\_\_\_\_ Units currently enrolled \_\_\_\_\_ Estimated GPA \_\_\_\_\_

Will you be transferring in fall, 2017? Yes \_\_\_ No \_\_\_

If yes, to what college will you transfer? \_\_\_\_\_

**OTHER COLLEGES ATTENDED:**

Name	Dates Attended	Degree received/Units completed
_____	_____	_____
_____	_____	_____
_____	_____	_____

Do you have a Bachelor’s degree in any discipline? Yes \_\_\_ No \_\_\_

**EXTRACURRICULAR INFORMATION**

List any school activities, clubs or programs you have participated in, including offices held and academic honors earned. Also list non-school clubs, activities, program or conferences in which you have participated.

**ARE YOU APPLYING FOR ANY OTHER INTERNSHIPS THIS SUMMER? IF YES, PLEASE LIST BELOW:**

**CAREER GOALS OR INTERESTS:**

**FINANCIAL INFORMATION**

Indicate the approximate annual income of parents/guardians, even if you don’t live with them \$ \_\_\_\_\_

Total size of parent’s household (including yourself if you live with them) \_\_\_\_\_

If you are independent of parental support:

Years you have lived away from home \_\_\_\_\_ # of dependents (self, spouse, children) \_\_\_\_\_

Total household income: Last Year \$ \_\_\_\_\_ This Year (estimated) \$ \_\_\_\_\_

*All applicants are required to apply for financial aid by filing the Free Application for Federal Student Aid (FAFSA).*

Have you filed the FAFSA form? Yes \_\_\_ No \_\_\_ Date submitted: \_\_\_\_\_

Did you or your family receive any income during the past 5 years from public assistance programs, such as welfare, AFDC, Social Security, disability, etc.? Yes \_\_\_ No \_\_\_ If yes, list program(s) \_\_\_\_\_

## STATEMENT OF PURPOSE

The statement of purpose helps us to review your interests and to determine your motivation for applying for the internship. It should be clear and easy to read. We should be able to review a synopsis of your background and a summary of where you wish to be in the future. With this in mind, as a separate document, please write a 500-word Statement of Purpose, addressing all of the following topics:

1. Introduction – background about yourself  
Please describe your personal background and what experiences led you to where you are today in your education. Do not hesitate to express relevant circumstances or obstacles in your personal or academic background.
2. Your preparation for moving on to the next level in your education  
What is your educational background? Where will you transfer and when? What is your intended major? Describe any academic or work experiences that are relevant to this internship program or that have sparked your interest in research
3. Your future academic goals  
Please describe your educational goals and your reasons for applying to the SRI. What specifically do you want to obtain from participating in this event?
4. Your future career goals  
What are your long-range career aspirations after you obtain your degree? How will participation in the SRI program help you attain those goals? If you are unclear about a specific career, please share a number of possibilities you foresee in the future.
5. If your academic performance and participation do not accurately reflect your potential, please describe any circumstances or conditions that may have prevented you from giving your best performance.

## REFERENCE REPORTS

Give the names and telephone numbers of two individuals who will be writing reference reports for you: (it is strongly encouraged that at least one letter is from a science faculty member at your current college). Reference report forms can be found on our website at <http://access.ucsc.edu/index.php/community-college-program/summer-institute/>.

1. Name \_\_\_\_\_ Phone \_\_\_\_\_
2. Name \_\_\_\_\_ Phone \_\_\_\_\_

## MEDICAL/ALLERGY

Please list any medical information, such as allergies to yeast, which may assist in lab placement in our program

## CERTIFICATION

I certify that the information reported on this application, to the best of my knowledge, is true and correct. I authorize ACCESS to release the information in this application to the selection committee, and to review my academic transcripts and financial aid application. I also authorize ACCESS to release information on this application to UC Santa Cruz Admissions for inclusion on mailing lists and contact databases.

**APPLICANT'S SIGNATURE** \_\_\_\_\_ **DATE** \_\_\_\_\_

If I am selected as a participant, I authorize ACCESS and UC Santa Cruz to publicize any relevant scholarship and biographical information and/or publish photographs. I also agree to participate in the assessment of the ACCESS program by completing surveys and participating in focus groups and/or interviews regarding my perceptions and personal experiences in the program. I understand that all information will be treated as confidential by the researcher.

**APPLICANT'S SIGNATURE** \_\_\_\_\_ **DATE** \_\_\_\_\_

## RESEARCH INTERESTS

List, in order of preference, the names of three faculty members at UCSC with whom you would like to carry out research and briefly describe why you have chosen them.

A list of participating faculty members and a brief summary of their research interests can be found on our website at <http://access.ucsc.edu/index.php/community-college-program/summer-institute/>. More complete descriptions and publications are available through the following websites:

<http://www.chemistry.ucsc.edu/faculty/index.html>

<http://www.mcd.ucsc.edu/faculty.html>

<http://www.metx.ucsc.edu/faculty/index.html>

<http://www.bme.ucsc.edu/people/faculty>

1. Name \_\_\_\_\_

2. Name \_\_\_\_\_

3. Name \_\_\_\_\_