

2009 ACCESS Summer Research Institute Application

June 15 – August 14, 2009

APPLICATIONS accepted from December 1, 2009 through February 28, 2009, 5:00 PM

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 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 includes:

- ◆ 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 received a Baccalaureate degree in any discipline

UNDERREPRESENTED MINORITIES ARE STRONGLY ENCOURAGED TO APPLY

APPLICATION DEADLINE: February 28, 2009, 5:00 PM

Checklist for Application to 2009 Summer Research Institute

- 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. If you applied for ACCESS membership last year, please fill out the new membership application. You cannot be considered for the Summer Research Institute until you have completed the ACCESS Membership Application.
- Request two Reference Reports. Reference Reports must be confidential and mailed 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.
- Complete this application; please answer all questions on all sides.
- Attach a **typed** essay answering the questions listed on the back of this application.
- Get a copy (photocopies are OK) of your most recent Unofficial Transcript
- Submit this application, your essay, and your Unofficial Transcript to the ACCESS Program
- Note the following dates for the 2009 ACCESS Summer Research Institute:
June 15, 2009: 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 22 - August 14, 2009: 2009 ACCESS Summer Research Institute.

YOUR APPLICATION WILL NOT BE CONSIDERED UNLESS YOU HAVE COMPLETED THIS FORM COMPLETELY AND SUBMITTED ALL THE REQUIRED DOCUMENTS BY 5:00 PM, February 28, 2009.

SEND APPLICATION TO:

University of California, Santa Cruz
ACCESS Program
Department of Chemistry and Biochemistry
1156 High Street
Santa Cruz, CA 95064

FOR MORE INFORMATION CONTACT:

ACCESS Program
Phone: (831) 459-4197
Fax: (831) 459-4197
e-mail: access@chemistry.ucsc.edu
www.chemistry.ucsc.edu

PERSONAL INFORMATION (*Please type or print legibly*)

Name _____ S.S.# _____

First M.I. Last

Female Male Birth Date ____/____/____

E-mail _____

Current Address _____

City _____ State _____ Zip _____

Current Phone (____) _____

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

- African/African American/Black Japanese/Japanese American Korean/Korean American
- Mexican/Mexican American/Chicano Chinese/Chinese American Other Asian
- Other Spanish/Latino Vietnamese/Vietnamese American White/Caucasian
- East Indian/Pakistani Filipino/Filipino American Other (please specify) _____
- American Indian/Alaskan Native Pacific Islander 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

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

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 – List 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 _____

Class Level Summer '08 _____ Major _____

COURSE WORK COMPLETED:

Name of course	Sem/year

Name of course	Sem/year

List the Spring Semester classes you are enrolled in:

Do you have a Bachelor's degree in any discipline? YES NO

OTHER COLLEGES ATTENDED:

Name	Dates Attended	Degree received/Units Completed

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.

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 mailed: _____

Have you returned a Release Form to your college Financial Aid office? 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) _____

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

RESEARCH INTERESTS

List, in order of preference, the names of three faculty members at UCSC with whom you would like to carry out research. (Participating faculty and their research interests are listed at http://www.chemistry.ucsc.edu/projects/access/List_of_SCFaculty_research_2009.pdf. More complete descriptions and publications are available through the following websites:

- | | |
|---|----------|
| http://www.chemistry.ucsc.edu/faculty/index.html | 1. _____ |
| http://www.mcd.ucsc.edu/faculty.html | 2. _____ |
| http://www.etox.ucsc.edu/fac_res/default.html | 3. _____ |

PERSONAL STATEMENT OF PURPOSE

The personal statement 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, on a separate sheet of paper, please write a 500-word Statement of Purpose, addressing each of the following questions (your answer should be approximately 75-100 words for each question):

1. What is your intended major when you transfer, and why have you chosen this field?
2. Please describe any academic or work experiences that are relevant to this internship program or that have sparked your interest in research.
3. What are your future academic and career goals?
4. Describe why you have chosen the three faculty members listed above.
5. How do you hope this summer's research program will help you to attain your academic and career goals?
6. 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).

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** _____