

# Bridges to the Baccalaureate

## California State University, Long Beach

Summer Undergraduate Research Opportunities for LBCC Chemistry & Biology Majors

### Program Description

- This program is funded by the National Institutes of Health and aims to increase the number of students from underrepresented groups (African American, Hispanic, Native American, and Pacific Islander) who transfer to four year institutions and engage in biomedical research.
- Students conduct 9 weeks of directed summer research with a chemistry or biology faculty advisor at CSULB from **June 1, 2010 through July 30, 2010**.
- Students will earn \$8.50/hour for summer research, working 40 hours/week.

### Qualifications

- 24 semester units & 2.5 GPA minimum
- Must be a U.S. citizen or permanent resident
- Successful completion in some general science courses preferred
- Major in Chemistry or Biology preferred
- Members of underrepresented ethnic groups (African American, Native American, Hispanic American, and Pacific Islander) interested transferring to CSULB are strongly encouraged to apply.

### Contact Information

Applications are available from:

- Mary Perrot, Professor, Physical Science Dept., LBCC, (562) 938-4441, [mperrot@lbcc.edu](mailto:mperrot@lbcc.edu)
- Mehrzad Akhavan, Professor, Life Science Dept., LBCC, (562) 938-4431, [makhavan@lbcc.edu](mailto:makhavan@lbcc.edu)

Program details are available from:

- Mark Katayama, Bridges Program Coordinator CSULB, (562) 985-8395, [mkataya2@csulb.edu](mailto:mkataya2@csulb.edu)
- Maria Ramirez, Bridges Assistant Program Coordinator CSULB, (562) 985-8061, [mramire4@csulb.edu](mailto:mramire4@csulb.edu)

**California State University, Long Beach and Long Beach City College**  
**Bridges to the Baccalaureate Summer Research Program**  
**Personal Record Application Form**  
(Please Print and leave attached to application)

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Email: \_\_\_\_\_

I plan to transfer by: \_\_\_\_\_

I plan to transfer to: \_\_\_\_\_

Some lab experiences involve outdoor excursions. Are you comfortable working out in the field or do you prefer to only work in a lab?

**I HAVE ENCLOSED AND COMPLETED THE FOLLOWING APPLICATION MATERIALS:**

- Personal Narrative
- A copy of the Bridges to the Baccalaureate Student Application Form
- A copy of my transcripts from all institutions attended (unofficial copies are accepted)
- 2 Faculty recommendation forms were submitted to Mary Perrot or Mehrzad Akhavan (**At least one of your recommendations must be completed by an instructor in your major.**)

**Directions for Writing Your Personal Narrative**

To complete the Bridges to the Baccalaureate application please provide a 2 page, double-spaced personal narrative to address the headings below. We use a holistic review process for all applications. Your personal statement is an important part of the application process, however not the only consideration. It will allow us to obtain a better understanding of who you are, your goals and achievements, your expectations of the program, as well as your potential as a scientist. Please follow the format below and use the specific headings.

- **Background-** Please describe your educational background in science and mathematics. What motivated you to select a science major? Specifically, describe an instance where you excelled in one of your science classes. You may also describe a time when you overcame educational obstacles.
- **Transfer Plans-** Describe your transfer plans following the community college. If you are pursuing a baccalaureate degree, tell us what institution(s) you plan to attend and for what reason(s)?
- **Career Goals-** Describe your short term and long term career goals. How do you think the Bridges to the Baccalaureate program may help you reach these goals?
- **Expectations-** Describe what you hope to gain from your participation in the Bridges program.

**Bridges to the Baccalaureate  
Student Application Form**

**DUE: Friday, February, 19, 2010**

Last Name \_\_\_\_\_ First Name \_\_\_\_\_ Major \_\_\_\_\_

Street Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Telephone ( ) \_\_\_\_\_ Date of Birth \_\_\_\_\_ Cumulative GPA \_\_\_\_\_

Anticipated Transfer Date (Semester & Year): \_\_\_\_\_ Email: \_\_\_\_\_

**Most Recent College Science & Mathematics Courses Completed or in Progress\***

Specific Course	Where Taken and Instructor's Name	Semester and Year Taken	Grade(s) Earned
Chemistry			
Biology			
Mathematics			
Other Science Courses (Physics, etc.)			

\*Note: • Not all courses above are required for consideration

**References: Please list two (2) science/math faculty who are recommending you**

Name	Department	Phone	Course Completed or In Progress

**Citizenship (Please check)**

- U.S. Citizen
- Permanent Resident of U.S.  
(A# \_\_\_\_\_)

**Ethnicity (optional)**

\_\_\_\_\_

By signing below I acknowledge that the above information is correct and that I will be able to work full-time during normal daytime hours conducting research during the proposed period. I grant permission to California State University, Long Beach to take my photograph. I understand that such photos may be used for publicity purposes and/or as illustrations in University publications and multimedia purposes.

Student Signature \_\_\_\_\_

Date \_\_\_\_\_

**RETURN ALL APPLICATION MATERIALS TO:**

Mary Perrot  
Department of Physical Science  
(562) 938-4441  
[mperrot@lbcc.edu](mailto:mperrot@lbcc.edu)

**OR**

Mehrzad Akhavan  
Department of Life Science  
(562) 938-4431  
[makhavan@lbcc.edu](mailto:makhavan@lbcc.edu)

# Bridges to the Baccalaureate Faculty Recommendation Form

CONFIDENTIAL REFERENCE ON APPLICANT

Student's Name: \_\_\_\_\_

Evaluator's Name: \_\_\_\_\_

Dear Evaluator:

The Bridges Committee depends on and appreciates your careful appraisal of the above named student's potential. Your judgment about this student's potential in his/her desired major and career is especially important.

Your recommendation should include as much information as possible. Please note any unusual circumstances in the comments section of this form. A letter of support is optional.

(Place an **X** in the column that you feel best describes this student)

	Scholarship	Potential In field	Personal Characteristics	Lab skills
Outstanding				
Excellent				
Good				
Fair				
poor (explain)				
No chance to observe				

STUDENT'S OBSERVED STRENGTHS:

\_\_\_\_\_

STUDENT'S OBSERVED WEAKNESSES:

\_\_\_\_\_

COMMENTS – All information is confidential. Your comments about the applicant's scholarship, leadership, attitude, determination, ambition, financial need, etc., will be most helpful. Attach a separate sheet if necessary.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signature of Evaluator:

Department:

Contact #:

Date:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Recommender: Please return form to Mary Perrot or Mehrzad Akhavan, NOT the student, by FRIDAY, FEBRUARY 19, 2010

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\_\_\_\_\_

\_\_\_\_\_

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