

**Application for the 2010 LIGO Summer Undergraduate Research Program**

Application deadline: Your application must *arrive* at Caltech on or before February 17, 2010

A complete application should include:

1. This form
2. Two letters of recommendation, in sealed, signed envelopes
3. A copy of your most recent transcript (unofficial transcripts are acceptable)

Mail all materials in a single envelope (*do not fax or e-mail*) to:

Professor Kenneth G. Libbrecht  
LIGO Undergraduate Research Program  
Caltech 264-33  
Pasadena, CA 91125

*Note -- If it is problematic to include the recommendation letters in your application, you may arrange to have them mailed separately.*

Name: \_\_\_\_\_

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

(most correspondence from us will be via e-mail; write legibly. If you type in your responses, make sure your font distinguishes 1s from lower case Ls, etc.)

Postal Address \_\_\_\_\_

Phone number: \_\_\_\_\_

College you are now attending: \_\_\_\_\_

Current class (check one): Freshman\_\_\_\_ Sophomore\_\_\_\_ Junior\_\_\_\_ Senior\_\_\_\_

Expected Graduation date (month/year): \_\_\_\_\_ (must be after 8/2010)

Major: \_\_\_\_\_ GPA: \_\_\_\_\_

U.S. Citizen or Permanent Resident: yes\_\_\_\_ no\_\_\_\_

If no, nationality: \_\_\_\_\_

Gender: male\_\_\_\_ female\_\_\_\_

Ethnicity (optional): \_\_\_\_\_

I will be able to attend the LIGO Program from 6/15/2010 to 8/20/2010: yes \_\_\_\_ no \_\_\_\_

If no, what dates will you be available? \_\_\_\_\_

Research Interests (check all that apply): Theory\_\_\_\_ Experimental\_\_\_\_ Astrophysics\_\_\_\_  
Optics\_\_\_\_ Lasers\_\_\_\_ Mechanical Systems\_\_\_\_ Electronics\_\_\_\_ Computational\_\_\_\_  
Data Analysis\_\_\_\_

Research Experience: \_\_\_\_\_  
(You may include a resume or other materials that tell us more about your background.)

Computer Languages Known (and how well): \_\_\_\_\_

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Other Relevant Skills: \_\_\_\_\_

\_\_\_\_\_

Site Preference (rank): Caltech\_\_\_\_ Hanford, Washington\_\_\_\_ Livingston, Louisiana\_\_\_\_  
or ... Consider my application for projects at any site \_\_\_\_\_

How did you hear about the LIGO Summer Program? \_\_\_\_\_

*Note: You should receive an e-mail confirmation that we received your application within five working days after it arrives at Caltech. We will have a decision for you by March 15.*

*Note: Your application will be judged based on the materials listed above. You do not need to have a project in mind or write a research proposal. We will try to match students and projects based on student skills and interests.*