



Information Technology Leadership Program
(Academic-Year 2012-2013), including the
Berkeley Summer Institute for Future Computer Scientists
July 30 to August 10, 2012

APPLICATION

BERKELEY FOUNDATION FOR OPPORTUNITIES IN INFORMATION TECHNOLOGY'S

IT LEADERSHIP PROGRAM

ABOUT BFOIT/ITLP

BFOIT, a project of the International Computer Science Institute, supports historically underrepresented ethnic minorities and women in their desire to become leaders in the fields of computer science, engineering and information technology. These future leaders are the next wave of creators, designers and developers of technological inventions and the social systems that sustain them. We believe that women and members of underrepresented ethnic groups (African Americans, certain Asian American groups, Chicanos/Latinos, Native Americans) have been marginalized in these fields. Yet, they bring a necessary and important perspective, and experience, that may help identify and find sustainable solutions for societal problems, as yet unsolved. We have several programs that work together to create a support pipeline that identifies, recruits and retains promising new leaders who are women and otherwise underrepresented. The Information Technology Leadership Program (ITLP) educates and trains middle and high school students in technology topics and leadership skills, gives them the necessary tools to be successful in their quest for higher education, and breaks down barriers that have traditionally thwarted achievement. The intent is to provide youth with knowledge, resources, practical programming skills and guidance in their pursuit of higher education and production of technology.

The objective of ITLP is to educate and train students in technology and leadership skills. Approximately 25 middle and high schools students, who show talent in the sciences and have a strong sense for social values, participate in this regional program. They receive a full year of analysis of technology issues pertinent to ethnic and low income communities. Participants attend monthly activities and a Summer Technology Training Institute. Through various activities, participants will be introduced and engaged in contemporary topics that relate to the need and development of new and existing technologies. They meet with professional experts, academics, and researchers in the fields of information technology, computer science and engineering. These professionals come from the educational, nonprofit, economic, social, and political sectors, and can give guidance and mentoring. Participants can also receive scholarships and training in the production of technology.



PROGRAM COMPONENTS

BFOIT's leadership training program consists of:

- One meeting per month hosted by the BFOIT office. The ITLP convenes nationally recognized technology experts, academics, and civic leaders that address salient global and local issues in relation to technology. Through workshops, lectures, seminars, and informal discussions, students learn about vital issues, acquire skills, and develop strategies that can be applied to meet interest and needs in their communities.
- Two-week Technology Training Summer Institute held in August at UC Berkeley. The institute is designed to train students in the process of inventing technologies, computer programming and they hear from many professionals about options open to them when they enter university, and the work world.
- Cultural activities such as visits to museums, movies, lectures, and conferences.

PARTICIPANT REQUIREMENTS

The ITLP participant must:

- Be a middle or high school student in the participating region and maintain a GPA of 3.0 and above.
- Be part of and involved in a social organization that already intends to support student learning and achievement within educational structures. This could be afterschool enrichment or similar programs in the community that the student resides in.
- If selected, attend and participate in the Summer Technology Training Institute as well as monthly meetings.



Application Instructions

BFOIT will take into account academic performance, public service and interest in the discovery of mechanisms that serve the needs and interest of an ethnic and socially diverse society. To be considered for the program, an applicant must submit the following:

1. Application Form (attached). Answer all questions and sign the form. Please type or write as neatly as possible.
2. Personal statement: A typed statement of 2-3 pages describing your personal interest in the development of new and existing technologies. Include your long term professional or personal goals and why you are interested in this program. Attach the personal statement to the Application Form and sign both.
3. Letter of Recommendation: The letters should deal with your learning abilities and interest in serving the public interest. A teacher, academic counselor, and social program coordinator could write the letter of recommendation.
4. Transcripts. Most current copy.

It is the responsibility of each applicant to make certain all items arrive at the BFOIT office. We have rolling admissions. Please send it all to: Orpheus Crutchfield, BFOIT c/o International Computer Science Institute, 1947 Center Street, Suite 600, Berkeley, CA 94704



**BFOIT INFORMATION TECHNOLOGY LEADERSHIP OPPORTUNITY PROGRAM
APPLICATION 2012-2013**

Follow instructions outlined in the accompanying brochure. Please type or write legibly.

NAME: _____

Parent(s) Name(s) _____

**PRESENT ADDRESS
(street/city/state):** _____

Student's EMAIL ADDRESS _____

Parents Name(s) and email address(s): _____

TELEPHONE: (temporary and permanent) _____

Intended College MAJOR: _____ **Present GPA:** _____

HIGH SCHOOL : _____ **PRESENT YEAR IN SCHOOL:** _____
(Fr/So/Jr/Sr)

GRADUATION DATE: _____

DATE OF BIRTH: _____ **PLACE OF BIRTH:** _____

GENDER: F _____ M _____

ETHNICITY: Please check all that apply:
African American/Black _____
Chicano/Latino _____
Filipino American _____
Native American _____
Pacific Islander/Asian _____
Other (Specify) _____

LIST COMMUNITY ACTIVITIES YOU PARTICIPATE IN, IMPORTANT TO YOU

LIST SCHOLASTIC OR ACADEMIC HONORS INCLUDING SCHOLARSHIPS, PRIZES, HONOR SOCIETIES, ETC.

Indicate the name and title of the person submitting a recommendation for you. Is the letter enclosed? If not, indicate date the recommendation will be submitted.

1. _____ Yes _____ No _____

Can you commit to meeting once/month in the Fall and Spring, for two hours, @ UC Berkeley's campus, and the following dates in July/August: 7/30-8/10th 2012?

____ YES ____ NO

ATTACH A COPY OF YOUR PERSONAL STATEMENT AND CURRENT TRANSCRIPTS TO THIS FORM

The information I have provided on this application and in any related material is complete and accurate; I agree to the time commitment to work with BFOIT:

APPLICANT SIGNATURE: _____ DATE: _____

Please make sure that your parent/guardian has read and signs this form:

PARENT/GUARDIAN SIGNATURE _____ DATE _____

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Check off when complete:

Application form _____

1-2 page Essay _____

Current Transcripts _____

Recommendation _____