



Criteria for Summer High School Research Program Students

- Student should be a current junior (Class of 2011)
- Student should have an interest in pursuing a career in medicine and/or science as stated in clearly in their essay.
- Minimum GPA of 3.0 in the core subjects
- This should be a "unique" opportunity for student
 - Would this student have this opportunity without ACS?
- Student should live no more than 30 miles from an Illinois Research University with ACS supported mentors and must have solid transportation back and forth to the institution
- Letters of recommendations must be strong and outline student's ability in science. One letter of recommendation must be from a teacher of the student.
- Student must have excellent communication skills, as determined by their regional interview. They must be able to properly communicate their interest in the program, interest in science/medicine and how they think the program will help with their future career.
- When picking your nominees please consider the diverse communities of Illinois, respecting that such diversity includes race and ethnicity, gender, socio-economics, geography and other regional factors.
- If selected, student must be prepared to work the full eight weeks
 - The program is structured so that there is no time for multiple days off, i.e. vacations, competitions



The American Cancer Society is the nationwide community-based voluntary health organization dedicated to eliminating cancer as a major health problem by preventing cancer, saving lives, and diminishing suffering from cancer, through research, education, advocacy, and service.

The American Cancer Society dedicates more money to cancer research than any other private, not for profit, non-government funder of cancer research in the United States. Nationally, the American Cancer Society has invested more than \$3.1 billion in cancer research since the program began in 1946. This program has led to primary contributions in cancer diagnosis and treatment as well as support for the research of 42 Nobel Prize winners before they became Nobel Laureates, the highest accolade of scientific achievement.

SUMMER RESEARCH PROGRAM

The American Cancer Society, Illinois Division offers an integrated Summer Research Program designed for high school students in their junior year (Class of 2011). The major objective of the program is to introduce students to scientific research, specifically, cancer research, to promote career opportunities in the area of cancer, through a program supervised by the American Cancer Society, Illinois Division's Research Advisory Committee. This program will help students develop their own philosophy in biophysics, biochemistry, immunology, and pharmacology, as well as gain an understanding of cancer and its impact on Illinois residents.

Selection for the program is based upon the student's interests, as expressed in an essay, academic record, two letters of recommendation (at least one letter of recommendation must be from a teacher). Students will work in a cancer research laboratory under the supervision of an established investigator at prestigious academic institutions such as the University of Chicago, Northwestern University, the University of Illinois, Loyola University and Southern Illinois University. The program will run for eight weeks. Each student will be expected to work on an independent, limited and achievable research project for four days a week. The fifth day will be spent attending various lectures, and presenting updates on their projects. At the conclusion of the program, students will be required to present a final report of their assigned project. In addition, students may be required to attend and present their research results at various American Cancer Society volunteer meetings. Selected participants will receive a \$2,000 stipend.



Frequently Asked Questions FAQ Sheet

1. How is the program defined?
 - The American Cancer Society, Illinois Division offers an integrated Summer Research Program designed for high school students in their junior year. The major objective of the program is to introduce students to scientific research, specifically, cancer research, to promote career opportunities in the area of cancer.
2. What is the criteria for a student to apply to the Program?
 - Student must be a *Junior* (member of the Class of 2011)
 - Demonstrates strong ability in math and science
 - Interested in pursuing a career in science or medicine
 - Minimum GPA of 3.0 in core subjects
 - A citizen of the United States or a permanent resident
 - Outstanding attendance record
3. What does a completed application consist of?
 - The Application Form
 - Transcripts
 - Two Letters of Recommendation-at least one from a teacher
 - Essay (300 word maximum)
4. How many students will be selected?
 - 25 students from across the state of Illinois
5. What is the duration of the Program?
 - Eight weeks (June to mid-August)
 - Regular work hours (eight hours per weekday)
 - Five days a week
6. Is there a stipend?
 - Yes, a total stipend of \$2000 will be issued for the 8 week program
7. Does the American Cancer Society reimburse for transportation?
 - No
8. Can students from any high school in the state apply?
 - Students living in Illinois may apply but there are geographical restraints throughout the state. A large amount of ACS funded researchers are based in the Metropolitan Chicagoland Area. The Program does not provide housing such that students should live within 30 miles of a major academic medical center.
9. Who can I contact for more information?
 - Tyharrie Hill (312) 279-7392 or ilhsprogram@cancer.org
10. When is the deadline for applications?
 - All Applications should be postmarked by March 22, 2010



Summer High School Research Program 2010
Student Application

Applications must be Postmarked by March 22, 2010

1. _____
First Name Middle Last

2. Mailing Address: _____
Street

City State Zip Code

3. _____
(Area Code) Telephone Number email address

4. Gender:
 Male
 Female

5. Are you citizen of the United States or a permanent resident:
 Yes
 No

6. High School (Name): _____
High School Telephone Number
(Include Area Code): _____

7. Present Education Level:
 Junior
 Other: _____

8. What are your goals in higher education?
Degree(s)? _____
Major(s)? _____

9a. On a separate sheet, attach an essay of not more than 300 words explaining why you wish to participate in this particular program and what you hope to achieve in the future.

b. In addition to your essay, describe briefly your participation in SCIENCE activities, extracurricular activities, periodicals you subscribe to or read regularly and the titles of the last two books you read not required for class.

10. Ethnicity (Optional):

- Native American
- Pacific Islander
- Asian/Indian
- African American

- Hispanic/ Mexican American
- Caucasian
- Alaskan Native
- Other: _____

11. _____
Date

Signature of Applicant

12. CONSENT: It is my understanding that, if enrolled, students will be subject to the regulations of their assigned research institutions and the program. I am aware that my child has applied for the American Cancer Society, Illinois Division's Summer Research Program.

Date

Signature of Parent/Guardian

PLEASE RETURN YOUR APPLICATION TO YOUR ADVISOR FOR MAILING.

13. ACADEMIC ADVISOR: In the space provided please record the GPA average of all science and mathematics courses (for grades 9 and 10) for this student. Include student's current math/science class averages as of the end of the first semester, junior year. Attach a transcript of grades as of the end of first semester, junior year.

Science

9th & 10th Grade Science _____
 Earth Science _____
 Biology _____
 AP Biology _____
 Chemistry _____
 Other: _____

Mathematics/ Computer Science

Algebra I _____
 Geometry _____
 Algebra II/Trigonometry _____
 Pre Calculus _____
 AP Statistics _____
 Other: _____

14. PLEASE CALCULATE the unweighted GPA average of all science/math courses final and current grades: _____

15. Estimated student rank in the junior class: _____ out of _____ students. (If Available)

Student PSAT score: Overall selection index percentile: _____ %.

Student SAT scores: Verbal: _____ %; Quantitative: _____ % (If Available)
Or

Student ACT scores: _____

16. ACADEMIC ADVISOR: Please include other qualifications and/or characteristics about the candidate, which might be pertinent to the application.

Date

Signature of Academic Advisor

**Please verify that all sections of the student's application is complete, i.e., essay, transcripts and letters of recommendation.

Please Return All Applications with Essay, Letters of Recommendation and Transcripts to:

American Cancer Society, Illinois Division
 c/o Summer High School Research Program
 225 N. Michigan Avenue, Suite 1200
 Chicago, IL 60601

Conflict of Interest: The selection of students is managed by an independent review panel. Immediate family members of individuals on the independent review panel are not eligible for the Summer High School Research Program. Immediate family members of staff are not eligible for the Summer High School Research Program. All other applications will be subject to the Conflict of Interest Policy.