



Summer for Sickle Cell Science Program

NHLBI High School Student Program Supplement to Comprehensive Sickle Cell Centers
Sponsored by the National, Heart, Lung, and Blood Institute

The Summer for Sickle Cell Science Program, sponsored the Cincinnati Children's Comprehensive Sickle Cell Center Program with support from the National Heart, Lung, and Blood Institute (NHLBI) of the National Institutes of Health (NIH), is an outstanding science training opportunity for high school students. The program is designed to involve young people in cutting-edge scientific research conducted in an academic medical center and to cultivate a continued interest in research related to sickle cell disease.

Program Details

This eight-week program offers a chance to learn, explore, and gain hands-on experience in a medical center research laboratory environment for up to three students each summer. Each student will be assigned to a faculty mentor to work in his or her laboratory. Students will be assigned mini-research projects or work with laboratory staff on ongoing research. Those students who complete sufficient research in one or more summers will be encouraged to present at local or national scientific meetings and may contribute to papers published in peer-reviewed scientific journals. Participants may earn a stipend of up to \$3,000 based on the number of hours they spend in the laboratory.

Selection Criteria

This program is highly competitive. We typically receive more than 100 applications each year for three positions.

Selection of students will be based on the following criteria:

- The program targets students in their junior and senior years of high school who are in good academic standing and have taken multiple science courses.
- A formula using GPA, ACT or SAT scores (if available), number of science classes taken, and recommendation scores is used to narrow applications to 5-10 finalists.
- From those, the top three are selected based on personal essays and interviews.
- Applicants must submit a personal essay of 400 words or less describing their career goals. The goals may be broad, but should be science-related.

Applications are complete upon receipt of the following information:

1. Completed Application and Essay

Applications and essays may be submitted by mail, fax , or e-mail.

2. Official Transcript and Two (2) Letters of Recommendation

Original official transcripts and letters of recommendation should be mailed in sealed envelopes by your school and recommenders to Cincinnati Children's. At least one letter of recommendation should be from a science teacher.

Submit all application materials to:

Cincinnati Children's Hospital Medical Center
Division of Hematology/Oncology
Summer for Sickle Cell Science Program
Attn: Rebecca Mayne
3333 Burnet Avenue, MLC 7015
Cincinnati, OH, 45229

Rebecca.Mayne@cchmc.org

Phone: (513) 636-0673

Fax: (513) 636-3549

Timetable

Completed applications must be postmarked by:

March 30, 2009

Selected students will be notified by:

April 30, 2009

Fellowship will begin:

June 8 or 15, 2009