



Cell Signaling Technology Science Scholarship

Scholarship Overview

Cell Signaling Technology (CST) is pleased to offer four \$10,000 scholarships to high school students in selected Boston North Shore communities. Science is an important link in solving critical social, environmental and technical challenges facing societies worldwide. Our company mission is to deliver the highest quality research tools that accelerate progress in biological research and personalized medicine and we depend on our local schools to inspire young people to choose a career committed to science. CST would like to assist students in their junior year of high school with a decision that would nurture their interest in science at the same time provide a sense of financial security in their future college years.

Scholarship Amount

CST will award a total four year scholarship of \$10,000 paid in four installments: \$1,000 freshman year, \$2,000 sophomore year, \$3,000 junior year, and \$4,000 senior year, providing his/her major is science and his/her grade point average remains higher than 2.8 in the first year in college and 3.0 in the following years. Scholars may use the CST scholarship for tuition, room and board and other education related expenses as permitted by their accredited college or university.

CST Summer Internship opportunities

All CST Scholars will be given preference for paid summer intern positions at CST in between their senior year in high school and their 1st year in college.

Community Service

CST Scholars will be required to complete a community service as part of their acceptance of the scholarship. Specifically, before starting their 4th year in college, each scholarship winner will be expected to visit an elementary or middle school (preferably the same elementary or middle school they attended) and give a science presentation on a subject of their choice.

Scholarship Process

- Each year students from the cities of Gloucester, Lynn, Peabody and Salem will be nominated by their high schools to be considered for the scholarship during their junior year in high school.
- A total of 16 juniors who have demonstrated high achievement and interest in science will be invited to submit applications for the scholarship. Two students will be nominated by teachers at Lynn Classical High School, two students from Lynn English High School, four students from Salem High School, four students from Peabody Veterans Memorial High School and four students from Gloucester High School.
- One final scholar from each city will be chosen by the CST Employee Scholarship Committee, composed of CST Employees. The Committee will consider the scholars based on application of the following

criteria: grade point average, teacher assessment, clarity of essay submitted with application, and performance during in-person interviews at CST offices.

- Selected students will be notified of the award at the end of their junior year via telephone or email. Scholarships to be awarded annually once they have enrolled in college, provided students complete their senior year in high school with the minimum GPA required.
- Each of the four (4) selected students will receive four annual scholarships provided they complete the required high school courses, major in science, maintain required GPA and present written confirmation to CST that they have completed the community service requirement.

Eligibility Requirements

CST scholarship candidates must meet the following eligibility requirements:

1. Must be in 11th grade of high school.
2. Possess strong English skills and be a legal resident of the United States of America.
3. Must be attending a four-year academic high school in Lynn, Salem, Peabody, or Gloucester.
4. Be eligible for free/reduced lunch or be the first in their family to go to college (neither parent went to college). Additional criteria for financial need may be defined by the CST Scholarship Committee if necessary.
5. Must have a minimum 3.0 GPA in high school. The CST Scholarship Committee shall have discretion to consider a Scholar with a GPA of 2.8 or higher if that student demonstrates outstanding interest and potential in a science field through extracurricular activities, jobs, internships, volunteer activities, etc.
6. By the end of senior year in high school, all CST Scholars must have completed an upper level AP class in one of the following courses: biology, chemistry, physics or environmental science.
7. CST Scholars must enroll as a full-time student in a 2 or 4-year accredited college or university and pursue one or more majors in qualified science fields of study. This includes majors from the following areas: Biology, Biochemistry, Chemistry, Environmental Science, Physics, Psychology (B.S. degree).
8. CST Scholars must maintain a GPA 2.8 or higher during their freshman year and 3.0 GPA the following 3 years in college to qualify to continue receiving the annual scholarship.
9. Before starting their final year in college, each scholar must visit an elementary or middle school (preferably the same elementary or middle school they attended) and give a science presentation on a subject of their choice as part of the community service portion of their scholarship. This presentation must be confirmed by the school administrator in writing to CST.

Scholarship Management

Essex County Community Foundation (ECCF) will manage all financial transactions for the CST scholarship. ECCF will collect all information from the CST Scholars once awards have been made and issue scholarship checks annually to the student's college or university. Checks will be made payable to the college and the student.

Scholarship Timeline

High School Junior Year

October/Junior Year — CST will send an email to remind all science department heads, school principals and guidance counselors about CST Scholarships for 11th graders.

November-January/Junior Year – Eligible high schools will each identify up to four students in 11th grade who intend to major in a science field, and are eligible for free/reduced lunch or will be the first in their family to go to college (neither parent went to college). School administrators and guidance counselors will help identify students who meet these criteria.

Eligible juniors will be recommended by science teachers, based on the students overall academic performance, their genuine interest in science and their intension to major in science in college. Potential scholars would be expected to complete an upper level AP science class or a college level science class by the end of their senior year and maintain the required GPA in high school to be awarded the CST scholarship.

CST recognizes the need to encourage those from a background underrepresented in the fields of science by encouraging the high schools to consider diversity when presenting its scholars.

February/Junior Year – Nominated students will submit a CST Scholarship Award Application by no later than March 1st. A completed application includes an essay and a copy of the student's official transcript. The applicant's high school's science teacher or science department head must also complete and submit a CST Science Teacher Student Evaluation Form by March 1st and any other documents that help differentiate the student from others. The science teacher's recommendation will be an important part in the evaluation process. CST will send an acknowledgement email to teachers and students once all documents have been received.

March/Junior Year — The CST Employee Scholarship Committee will review all applications and teacher recommendations. Up to 16 Students will be invited to visit CST for a facility tour. On the day of the tour, the CST Scholarship Committee members will conduct group and/or personal interviews with the nominees.

April/Junior year – The CST Employee Scholarship Committee will select 4 scholarship finalists, one from each city, based on the Committee's scholarship criteria identified in the Scholarship Process section above. The school and students will be notified via email or telephone.

May/June/Junior year – The CST Scholarship finalists will receive an official announcement at the high school's scholarship event or other appropriate school function. Funds will be transferred to ECCF to cover each four year scholarship in accordance with the terms of this scholarship overview.

High School Senior Year

February-March/Senior year – CST Scholarship finalists will be invited to apply for a CST summer internship position (if their interests are life sciences). Students will be asked to complete an internship application and have a personal interview. All CST Interns are required to have successfully completed high school biology and chemistry.

May-June/Senior year — CST Scholarship finalists will send official final high school transcripts to ECCF.

June/Senior year — ECCF will receive official school transcripts for each of the Scholarship finalists. If all requirements have been met, ECCF will send a Scholarship Agreement and Acceptance of Terms Form to each of the 4 CST scholarship finalists to sign and complete with college information. If the completed Scholarship

Agreement and Acceptance of Terms Form is not received by the due date, CST reserves the right to select an alternate potential scholarship winner.

June-August/Senior year –CST Scholars have the opportunity to work as a summer Intern at CST, gaining experience and excitement about science.

August -September /College Freshman – Once the Scholarship Agreement and Acceptance of Terms Form has been received, ECCF will send a \$1,000 scholarship to the student’s college or university made payable to the college and the student. Students must endorse the scholarship check at the Bursar’s Office once they have arrived on campus.

College Years

May – June /College students

Each year, CST Scholars must send their official college transcripts to ECCF by no later than July 1st. Students are required to be enrolled as a science major and have a 2.8 GPA or higher after their freshman year and a 3.0 GPA or higher after their sophomore and junior years to maintain the scholarship. CST will review the scholarship requirements and selection criteria on an annual basis to ensure consistency with the academic programs involved and its focus on promoting science-related careers. Students must also provide ECCF with verification of their community service presentation before their senior year.

July-August /College students

ECCF will send the college or university a scholarship check for \$2000 for the sophomore year, \$3000 for the junior year and \$4000 for the senior year. The community service portion of the scholarship must be completed before the last \$4000 payment will be made (before student's senior year in college).

Immediate family members and or household members of CST Employees are not eligible to participate. Participation constitutes entrant’s full and unconditional agreement to this Scholarship Overview and the decisions of the Committee and CST, which are final and binding. Winning a scholarship is contingent upon fulfilling all requirements set forth herein.