



Since 1962

南加州中華科工學會

Chinese-American Engineers  
and Scientists Association of  
Southern California

**CESASC**  
www.cesasc.org

## **CESASC Student STEM 2019 Essay Contest "Future Technology That Can Improve Human Life"**

### **Description**

The Chinese-American Engineers and Scientists Association of Southern California (CESASC) Cordially invites 6th to 12th grade students to participate in the "Future Technology That Can Improve Life" essay competition. The competition is divided into two groups: Group one is for 6th to 8th grade students and Group two covers from 9th to 12th grade students.

This contest is intended to help students develop their interests in the fields of science, technology, engineering, and mathematics (STEM) and to bring together writing and creative skills from young minds in context of future technology. A student may choose any technology that impacts human life. For example, a student may choose diagnostic instruments that can help friends or relatives who need diabetic medication on a daily basis.

### **1. Who Can Enter**

The contest is open to all 6th to 12th grade students who are currently enrolled in a U.S. school.

Please contact us for International Student Category

### **2. How to Enter**

Entries must be submitted electronically in Microsoft Word or Adobe pdf format to [CESASC.stem2@gmail.com](mailto:CESASC.stem2@gmail.com). A scanned copy of the signed Official Entry Form must accompany electronic submissions. Please put "2019 ESFT Contest" in the subject line. The Official Entry Form is available in the attachment.

### **3. Contest Rules**

Each submission must meet the following rules:

1. Entries must be the original and unpublished work of the student entering the contest.
2. Entries must be typed and in English.
3. The essay must consist of three parts:
  - A) Name of the technology
  - B) A 400-500 word essay that describes how it works and how it may contribute to improvement of human life.
  - C) A drawing that illustrates what the technology looks like. It should be labeled for clarity.
4. Each student may submit only one entry.
5. Revisions of a submission will be accepted once the original is submitted for consideration, but once an entry is submitted, a new topic will not be accepted.
6. A complete Official Entry Form must be submitted with the essay.
7. All entries must be received by the submission deadline.
8. Submission of an entry constitutes consent to the use of the entrant's name and/or including posting on the CESASC website without compensation.

#### **4. Winner Selection and Prizes**

All eligible entries will be judged by a panel of scientists, engineers, and educators, based on the following criteria: (1) originality of idea; (2) originality and creative quality of essay; (3) clarity of the presentation; (4) writing ability and content; (5) significance of technology; (6) relevance to the topic “Future Technology That Can Improve Human Life.”;

Extra credit will be considered for any essay supported by an experiment/demonstration.

Each group awards include the following prizes:

- 1st place - \$500 and a trophy
- 2nd place - \$250 and a trophy
- 3rd place - \$100 and a trophy

Each qualified winner will be notified by email and/or telephone using the contact information provided in the Entry Form at the time of entry.

Winners’ names will be announced publically through the CESASC website and social media accounts, and their families will be invited to present their winning entries and receive the prizes at the CESASC 57th Annual Convention and Technical Symposium on April 14, at the CESASC 2019 Annual Convention in Hilton San Gabriel.

#### **Important Dates and Deadlines**

November 1, 2018 – Start of Contest

February 28, 2019 – Submission Deadline

March 15, 2019 – Winners Notified and Announced

April 14, 2019 – Winning Entries Presentation and Public Award Ceremony

For more information, please contact Dr. Rita Chuang, Dr Jonathan Jiang or Yiu Man So at [cesasc.stem2@gmail.com](mailto:cesasc.stem2@gmail.com).