



January 2020

Dear Students, Parents, and Educators,

The American Institute of Aeronautics and Astronautics (AIAA) is a professional society for the aerospace industry. Our 30,000+ members are engineers, scientists, astronauts, students, and educators from the United States and 86 other nations. The San Fernando Pacific Chapter, which represents the San Fernando Valley, Ventura County, and Hawaii, sponsors an annual essay scholarship contest for graduating high school seniors who plan on a career in a STEM field.

For 2020, up to \$2000 will be awarded in prizes. The total number and value of the awards will be determined based on the number of entries. To enter, students must submit a 500 to 600 word essay on the topic:

*Assume that humans have devised a way to realistically move to and live on Mars. You are in charge of an international panel that has been tasked to establish boundaries and borders to separate the many expanding settlements and economic regions. Describe your plan and how you would proceed. (Consider how you would come up with a plan. What (if any) type of information, research or fact finding missions will be needed? Any special challenges in implementation?)*

All entries must be received by Saturday, April 4, 2020 at 11:59 pm PDT by email.

The following page includes more detailed information about how to participate. Please distribute electronically as needed. Students can also access the information on our section website (<https://engage.aiaa.org/sanfernandopacific/home>). Feel free to email me at [aiaa.sfp@gmail.com](mailto:aiaa.sfp@gmail.com) with any questions or concerns. Thank you for your participation in our program.

Regards,

Corinne Cho

Vice-Chair, Communications and STEM Outreach

### 2020 Essay Contest Information and Rules

Purpose: To assist and encourage students planning a career in engineering, mathematics or science.

Eligibility: High School Seniors who expect to enroll in college for Fall 2020 and major in science, technology, engineering, or mathematics (STEM). The student must attend a school in the San Fernando Valley, Ventura County or Hawaii.

To Enter: Write a 500 to 600 word essay on the topic:

*Assume that humans have devised a way to realistically move to and live on Mars. You are in charge of an international panel that has been tasked to establish boundaries and borders to separate the many expanding settlements and economic regions. Describe your plan and how you would proceed. (Consider how you would come up with a plan. What (if any) type of information, research or fact finding missions will be needed? Any special challenges in implementation?)*

- Include a title at the beginning of the essay and a word count at the end of the essay
- Type double-spaced
- Save the essay in either a .doc or .docx format **(do not send a .pdf version)**

The essay will be judged on good organization, adherence to topic, proper grammar, and vocabulary.

Email the essay as an attachment to [aiaa.sfp@gmail.com](mailto:aiaa.sfp@gmail.com) by Saturday, April 4, 2020, 11:59pm PST.

Include in **the BODY of the email:**

- Name
- Email Address
- Phone Number
- Home Address
- Name of High School
- How did you learn of the contest
- Intended Major

Deadline: Complete package must be received by Saturday, April 4, 2020, 11:59pm PST.

Award: Up to \$2000 will be awarded. The number of awards and value of each award will be determined based on the number of entries received.

All participants will be invited to the AIAA Dinner Meeting scheduled for a Thursday evening in May 2020. The winner will be announced at the meeting.