

# The Heinlein Society

## 2023 SCHOLARSHIP PROGRAM



3553 Atlantic Ave, #341  
Long Beach, CA 90807-5606

### PURPOSE

To provide scholarships to four deserving full time students attending a four-year college.

### AWARD COMPONENTS

Four (4) \$4,000 scholarships awarded to students selected by The Heinlein Society. The Robert A. Heinlein, the Dr. Yoji Kondo, and the Dr. Jerry Pournelle scholarships are available to candidates of any gender majoring in a STEM field. The Virginia Heinlein Scholarship is dedicated to female STEM majors only (see "Eligibility Requirements" below).

### ELIGIBILITY REQUIREMENTS

- 1 Applicant must plan to attend an accredited college that awards Bachelor of Science degrees as a full-time undergraduate student for the 2023 - 2024 academic year.
- 2 Major must be Engineering, Math, or Physical or Biological Sciences.
- 3 Open to residents of any country.
- 4 Previous applicants, including winners, may enter again, but must write on a different topic than their previous entry.
- 5 Candidates cannot have previously been awarded a bachelor's degree in any subject.

### APPLICATION PROCESS

Applicant must submit the following items:

- 1 Completed application form. Only this PDF application form will be accepted, and must be returned by email to [scholarships@heinleinsociety.org](mailto:scholarships@heinleinsociety.org).
- 2 A brief explanation of career goals and biographical (background) information on page 4.
- 3 A 500 – 1,000 word essay on one of the subjects listed on page 5.

Deadline for the application is **April 1, 2023**. Applications emailed after this date will not be considered.

## **Please read the following instructions carefully before filling in the application. You have been warned.**

Do not alter the format of this application. We will only accept the application in its current format. We have a very limited number of reviewers and a large number of applications to process, so we cannot spend additional time dealing with a variety of file formats. The form must remain interactive so that we can read the entirety of every field.

The fields are not limited to their apparent size. If the amount of text entered into a field is larger than can be displayed fully, a scroll bar will automatically appear on the right side of the field to allow all of the text to be read. Use the fields provided in the form to enter your biographical information and essay. Do not send them as separate attachments. Please do not send any additional attachments (resumes, transcripts, letters of recommendation, etc.) with your application. We will request them if and when we need them.

We recommend not filling out the application in a web browser, as the data entered is usually not saved. Whatever application you choose to complete the application, be sure to save it to a drive somewhere (local or in the cloud), close the application, and then reopen the form to verify that the data you entered is still there, and that the form remains editable. Forms that are received with missing data, or fields that are no longer fillable (meaning we can't read the entire field) will not be considered.



Last Name

First Name

## MAILING ADDRESS

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Street

City

State/Province

ZIP/Postal Code

Country

Daytime

Telephone Number

Email

## DEMOGRAPHIC INFORMATION

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We are collecting demographic information in order to better serve the student community. You are not required to provide information in this section. **However, female identifying applicants who do not select their gender will not be eligible for the Virginia Heinlein scholarship.** They will be eligible for the other three scholarships, as those are available to applicants of any gender.

Country of citizenship

Age

Ethnicity

Please indicate your gender by selecting from this dropdown

## NAME & ADDRESS OF PARENT(S) OR LEGAL GUARDIAN(S) (IF UNDER 18 YEARS OF AGE)

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Name(s)

Street

City

State/Province

ZIP/Postal Code

Country

Home phone of parents or legal guardians

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Name of the school you will be attending in the Fall of 2023

*Proof of acceptance or current student enrollment from the above school is **required prior to receipt of funds.***

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I will be entering the above-mentioned school as a

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Name of major

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List the name of any college you have attended

Year Began

Year Ended

**A**

**B**

**C**

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List any community service you have done

Year Began

Year Ended

**A**

**B**

**C**

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Enter a brief explanation of career goals and biographical (background) information (approx. 250 words)

Write a 500 – 1,000 word essay on one of the following subjects. If you have won in the past, you must choose a different topic than previously:

- A** How Robert Heinlein influenced your career choice. What Heinlein writings would you use to illustrate how he sparked your interest in science and technology?
- B** Biologist J.B.S. Haldane once wrote “I have no doubt that in reality the future will be vastly more surprising than anything I can imagine. Now my own suspicion is that the Universe is not only queerer than we suppose, but queerer than we can suppose.” Find, discuss, and comment on one episode in your STEM field in the past 50 years that you find surprising.
- C** Robert Heinlein said “The Age of Science has not yet opened.” Evaluate this statement compared to your technical field. Do you expect to see this golden age in your lifetime?
- D** What are the structural, procedural, and operational limitations of computer simulations of which a practitioner or user must be acutely aware? Discuss with respect to your career field.
- E** How might advances in your chosen field of study affect how people live 50 years from now? What changes, good and bad, might society see?

Please select the topic you’ve chosen from this dropdown

**ENTER ESSAY TEXT HERE**

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### **STATEMENT OF ACCURACY**

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I hereby affirm that all the above stated information provided by me is true and correct to the best of my knowledge. I hereby understand that if chosen as a scholarship winner, I must provide evidence of enrollment/registration at the post-secondary institution of my choice before scholarship funds can be awarded.

Signature of scholarship applicant

Date

*(name entered by email submission will be regarded as signature)*