

Regeneron Science Talent Search Rules Confirmation:

Please read the following Regeneron STS Rules, which include information about human/animal research, among other important details. Confirm at the bottom of this page that you have read, understand, and agree to abide by these rules.

Rules have been removed for evaluation purposes. See SSP staff if rules are needed.

I have read, understand, and agree to abide by the Regeneron STS Rules.

 Basic Student Information

First Name on Your Transcript _____

Middle Name on Your Transcript _____

Last Name on Your Transcript _____

First Name for Public Materials _____

Middle Name for Public Materials _____

Last Name for Public Materials _____

Alternate/Nickname for Your Biography _____


Gender _____

Parent/Guardian First Name _____

Parent/Guardian Last Name _____

Parent/Guardian 2 First Name _____

Parent/Guardian 2 Last Name _____

 Please provide additional information about the people at your school.

Principal First Name _____

Principal Last Name _____

Teacher (at your HS) First Name _____

Teacher (at your HS) Last Name _____

 Current Coursework

In what classes are you currently enrolled? (Grades are not needed)

1 _____

2 _____

3 _____


4 _____


5 _____

6 _____

 Recommendation Requests

Recommendations instructions have been removed for the purpose of evaluation. If you require this text, please email sts@societyforscience.org. Thank you.

 Activities, Interests, and Awards

 School Subjects

What subjects in high school have you liked the most?


 Future Plans

What do you plan to study in post-secondary education and what occupation do you plan to pursue? What do you hope to be doing 10 years from now?


Extracurricular Activities

Have you participated in any of the following?

- Science fair at the local or regional level, specify awards: _____
- Intel International Science and Engineering Fair (Intel ISEF) finalist, specify awards: _____
- Broadcom MASTERS, specify awards: _____
- Science training program or summer institute, specify name of program: _____
- Other science competition(s), specify: _____

 Extracurricular Activities

Please list the top 5 activities in which you have been involved during your high school career and offer a brief explanation of your involvement including the duration and/or any leadership role.


 Volunteer Work and Employment

List any regularly scheduled volunteer work or paid employment, if any, during the school year with average hours worked per week. (Indicate if paid.)

 Awards


List special recognitions, awards, honors and scholarships from both school and community, if any. Include national or international honors received during your high school career.

- Academic (list up to 5): _____
- Community (list up to 3): _____
- Extracurricular (athletic, music, etc.) (list up to 3): _____

 School Transcripts and Test Scores

Transcript Confirmation


I understand that it is my responsibility to request a school transcript and to confirm that it has been received by SSP prior to the Due Date.

 I would like to submit my school transcript using the following method:


I will ask the person completing my High School Report to scan and upload a transcript in that report.

I will mail a hard-copy transcript to SSP.

 Regeneron STS Essay Questions


 1. Research Project “Layperson’s Summary”

Summarize your project in layperson’s terms, while maintaining scientific accuracy. Your explanation should be easily understandable and include background, procedures, conclusions and relevance. This summary will aid readers, including evaluators, journalists and the public.

 2. What inspired you to conduct this research project?

(What is the story behind your research topic?)

 3. After completing your research, how has your interest in science, engineering, and/or math been clarified?


 4. What benefits do you think your research will bring to the world? What additional steps, and by whom, might be needed for this benefit to be realized?


 5. Your Potential as a Scientist, Mathematician or Engineer

Address through specific and concrete examples what characteristics you have that best demonstrate your affinity and aptitude for being a good scientist. What have you done that illustrates scientific attitude, curiosity, inventiveness, initiative? How does your experience suggest future success as a scientist, mathematician or engineer?

 6. Major Scientific Question

What is a major scientific question in your field whose answer you believe will have a significant impact on the world in the next 20 years, and why? Using examples from your own experience or research, explain how you might envision addressing the question over the next 20 years.

 Previous Research

 Individual Science Projects

List any individual research projects (not class projects) to which you have contributed during high school. A project does not need to have been submitted to a competition to be listed. If the project you are submitting to Regeneron STS has been entered in any other competitions, please list it below as Project 1.


	Start Date	End Date	Supervising scientist/mentors (if any)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

	Project Title	Competition/Awards (if any)
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____

 Team Science Projects

Have you ever completed research with a team member?


- Yes
 No

 Team Research Details

Research conducted as part of a student team project is not eligible for Regeneron STS. This includes any research or portion of research regardless of whether it has been or will be submitted for competition or not. Even if you were a primary member of a team or conducted one portion of the research, it must still be considered a part of that team project. Please provide information on any team projects to which you have contributed.

	Start Date	End Date	Teammate Name(s)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

	Mentor Name(s)	Project Title	Competition/Awards (if any)
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

 Clarification of Team Research

Explain how the research you are submitting with this application is different from these team projects. Be sure to address each aspect of your research—purpose, procedure, data, and conclusions.

 Conference Presentations, Abstract Publications, Student-Level Publications, Paid Publications, or Future Submission Plans


If any, please list any conferences in which you have presented your work; instances where the abstract of your research has been published; publications in student-level, non-peer reviewed, or pay-for publication journals; and future publication plans (including articles submitted to journals, but not yet published) (If any):

 Ph.D.-level Peer-reviewed Journal Publications

If any, list scientific publications on which you are an author or coauthor. List the name(s) of any coauthor(s). Indicate if a coauthor is a high school student. Do not include anything covered in the preceding question.

	First Author	Other Authors	Journal Title
Publication #1	_____	_____	_____
Publication #2	_____	_____	_____
Publication #3	_____	_____	_____
Publication #4	_____	_____	_____

	Article Title	Date of Publication	Issue number, page number, etc.
Publication #1	_____	_____	_____
Publication #2	_____	_____	_____
Publication #3	_____	_____	_____
Publication #4	_____	_____	_____

 Science Research Description

1. Where was the experimentation / research conducted? *

- Home
- High School
- College or University

- Other Research Institution
- In the Field
- Other (please specify): _____

2. Please check all that apply to your research experience:*

- Applied to and was accepted into an established research program not connected to my high school
- Enrolled in a science research class
- Participated in research at my high school after school or on weekends
- Relative, friend, or acquaintance made or helped me make an initial connection that led to my acceptance into a research setting
- Teacher or school provided contacts or connections to scientists
- Identified and contacted a scientist independent of any support
- Read science journals, books, and/or magazines, and performed the research without mentorship
- Other, specify... _____

 3. Research Location Description*

Specific name of research institution, school, park, etc, where the research was completed:*

Describe the research location:*


Research Location City:*

Research Location State:*

 4. Mentors*

Please provide information on the adults, undergraduate student or higher, with whom you met and worked with in any way related to your research.


	Prefix	First Name	Last Name	Institution (if different from above)
Mentor #1	<ul style="list-style-type: none"> • Dr. • Mr. • Ms. 	_____	_____	_____
Mentor #2	<ul style="list-style-type: none"> • Dr. • Mr. • Ms. 	_____	_____	_____
Mentor #3	<ul style="list-style-type: none"> • Dr. • Mr. • Ms. 	_____	_____	_____
	Job Title		Time spent with this mentor	
Mentor #1	_____		_____	
Mentor #2	_____		_____	
Mentor #3	_____		_____	

 5. How did you get the idea for your research?*


Explain the development of your research question, and/or engineering goals.

 6. What was the duration of the research?*

Explain the amount of time you spent on the research project that you have submitted.


 7. If your research was conducted as part of a larger research project or group, explain how your work is independent of this larger laboratory project.*

If there were other high school students in the group, be specific about how your work was similar to and different from other students vs. your independent work.

 8. Please attribute the support you received in each area of the research process and highlight what you claim as your own, original, unique contribution.*

Provide a description of what you did in sentences, more than simply stating a percentage or writing "all." To view the word count for each response box in question 8., please click your mouse in the response box where you want to answer and then look below the last response box in this question.

- a. Developing / Initiating the purpose of the research _____
- b. Designing the procedures _____
- c. Implementing the procedure (including special techniques or the use of special equipment) _____
- d. Gathering / Recording data _____
- e. Analyzing data _____
- f. Formulating conclusions _____


 9. Indicate any other substantive guidance received, as well as any prior research involvement or training that helped you in conducting your own work in this project.*

10. Frequently Intel STS applicants do research that is similar to that of parents, mentors, relatives, friends, and/or other high school students. This is expected, since science is a cumulative process, each finding built on a previous one. The influence and assistance of those around you may be beyond the individual tasks included in the questions above.*

In order to recognize the independent research of student investigators, a clear picture of the evolution of your work and the aspects that are of your own design and execution are required. We would like to give you the opportunity to reassure the evaluation committee that while the above-mentioned influences may exist, the work you have submitted is your own and not that of a parent, mentor, relative, friend, or any other person. Please write a statement in your own words explaining any research or person that has influenced your work outside of the individual tasks in the questions above. Provide as much supporting detail as possible. Failing to disclose similar or related research of which you are aware or failing to mention any person who has either closely or loosely guided you, and their relationship to you and your family, is a violation of your signed statement and is grounds for disqualification from the Intel STS.

I certify that there are no additional people who have done research in an area of science close to mine, nor is there any additional person who has closely or loosely advised me, contributed to my research or had any small influence on my work.


There is another person or persons I would like to mention and explain their influence or contribution


 If you checked the second box above, please explain here:*

11. Intellectual Property and Viewing Your Application*

I certify that I have discussed this submission with the scientists with whom I worked and they do not have concerns regarding intellectual property. I give permission to Society staff to show my entire application, including my research report, to any of my

mentors or recommenders.

 Human Research

 1. Does your project involve the use of human participants?

- Yes
- No

 a. Institutional Review Board Details


Type of IRB (high school, university, etc.) _____

Date of IRB Approval or Renewal _____

Approval Number Assigned by the IRB (if none, write 1) _____

 2. Does your project involve the use of human tissue?


- Yes
- No

 a. If your tissue is not exempt, provide the following information:

Title of Study from which tissue was obtained _____


Type of IRB (high school, research institution, etc): _____

Date of IRB Approval: _____

 b. If your tissue is exempt from IRB review provide the following information:

i. Describe the tissue and how/where it was obtained. _____

ii. Provide catalogue and source information for tissue exempt from IRB review. _____

 3. Does your project involve the use of data collected from humans (i.e. surveys, test scores, medical records, etc.) that were not collected by you nor your mentor?

- Yes
- No

 a. Explain how your data was obtained.


b. Identifiable Data

I worked with de-identified data. (This means that there were no names with the data when it was given to you. If it did come with names, do not check this box.)

When the data (surveys, medical records, etc.) was given to me, it included names.


 c. If you marked the second box above, explain when names were removed from the data

 Non-Human Vertebrate Animal Research

 1. Does your project involve live non-human vertebrate animals in a behavioral/observational study?

- Yes
- No


I certify that this project involves only non-invasive and non-intrusive behavioral or observational research.

 a. Provide additional information about your behavioral or observational study

i. List the genus, species, common names of the animal(s) involved in the project: _____

ii. Explain where the study was conducted, including name and location of research institution or field work: _____

iii. Please provide any information on field permits, gaming licenses, or permissions that you or your mentor obtained for this research. _____

 c. Research Institutions

Was the study performed in a Registered Research Institution? Yes No

Institution Name: _____

Title of study receiving IACUC approval: _____

IACUC Approval Number: _____

Date of IACUC approval: _____

 d. Please provide a description of how animals were used in this research.

 e. Did you have any physical contact with the animals?

- Yes
- No




I certify that my only contact with the animal(s) was restricted to supervised handling and husbandry procedures that meet Institutional Animal Care and Use Committee standards at Registered Research Institutions and which conform to federal regulations protecting animal well-being and researcher safety.




i. Please explain your interaction with the animals. _____


ii. Please provide a description of the training you received on working with vertebrate animals and the dates of training(s) (if any). _____

 2. Does your project involve the use of tissue obtained by a supervising scientist from live non-human vertebrate animals?


- Yes
- No

 a. Please provide the following information about the supervising scientist's study:

- i. Name of Registered Research Institution (and department, if any): _____
- ii. Name, title, and contact information for supervising scientist: _____
- iii. Title of the supervising scientist's study receiving (IACUC) approval: _____
- iv. IACUC approval number: _____
- v. Date of IACUC approval: _____


 b. Please provide a brief description of the supervising scientist's study:

- i. List the genus, species, and common name of animal(s) involved in the project. _____
- ii. How is your project related to this study? _____

 c. Did you have any physical contact with the animals?


- Yes
- No

I certify that my only contact with the animal(s) was restricted to supervised handling and husbandry procedures that meet Institutional Animal Care and Use Committee standards at Registered Research Institutions and which conform to federal regulations protecting animal well-being and researcher safety.


- 
- i. Please explain your interaction with the animals. _____
 - ii. Please provide a description of the training you received on working with vertebrate animals and the dates of training(s) (if any). _____

 3. Does your project involve non-human vertebrate animal tissue that is exempt from IACUC review?

- Yes
- No

- 
- a. List the genus, species, common name and tissue(s) of the animal(s) involved in the project. _____
 - b. This tissue is exempt from IACUC review because it is: _____
 - c. Source and catalog number (if applicable): _____


 Research Report Upload

 Project Category

- Animal Sciences
- Behavioral and Social Sciences
- Biochemistry
- Bioengineering
- Cellular and Molecular Biology
- Chemistry
- Computer Science
- Computational Biology and Bioinformatics
- Earth and Planetary
- Engineering
- Environmental Science
- Genomics
- Mathematics
- Medicine and Health
- Materials Science
- Physics
- Plant Sciences
- Space Science

 Project Title

For any symbols, please write the name of the symbol in all capital letters (ALPHA, GAMMA, etc.)

 Special Symbols and Formatting

If the title of your project requires any special symbols or formatting (such as italics) please explain that here.

Sample Regeneron STS Application
Application is Online Only