

Regeneron Science Talent Search 2018: Application PDF

This document previews the application for the Regeneron Science Talent Search. ALL entries must be submitted through the online application system; hard copies will not be accepted. The application deadline is Wednesday, November 15, 2017 at 8pm Eastern Time. The online application can be accessed at <https://sciencetalentsearch.fluidreview.com>. We encourage entrants to explore the FAQ page on the application website, which explains many features of the application system. Entrants may also email sts@societyforscience.org with any questions they may have.

Please be aware this document contains many branching questions that are hidden within the application. Some of these questions will only appear based on the entrant's response to a previous question. The application appears here in its longest state.

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Task 1: Basic Information

Please complete this basic demographic information.

Eligibility

Please select the option that best describes you:

- I am a high school senior living in the United States (eligible to apply)
- I am a high school senior living abroad but I meet the eligibility requirements (eligible to apply)
- I am a high school teacher or mentor
- Other _____

Basic Student Information

First Name on Your Transcript

Middle Name on Your Transcript (optional)

Last Name on Your Transcript

Alternate/Nickname for Your Biography

Gender (optional)

- Female
- Male
- Other

Parent/Guardian #1

First Name

Last Name

Relationship to You

Parent/Guardian #2 (optional)

First Name

Last Name

Relationship to You

Regeneron Science Talent Search Rules Confirmation:

Read the Regeneron Science Talent Search Rules and Eligibility 2018 document. This is a required step in order for you to understand the eligibility requirements, rules regarding human and animal research and more.

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

Task 2: Recommender Requests

You are responsible for requesting three types of recommendations: an Educator Recommendation, a Project Recommendation and a High School Report. The linked instructional documents will help you determine the best person to ask to complete each type of recommendation. The due date for recommendations is November 8, 2017 at 8pm Eastern Time. Visit our Application FAQ for tips and to learn more about this process. Read the instructional documents for each recommendation type linked below, then click the checkbox to acknowledge that you understand this process. The Recommender Requests will then appear in your Task List. You may also request a second recommendation for each type (optional); these extra recommendation tasks will appear at the bottom of your Task List.

1. [Educator Recommendation Instructions*](#)
2. [Project Recommendation Instructions*](#)
3. [High School Report Instructions*](#)

I have read the three instructional documents above and understand that it is my responsibility to request three types of recommendations through the online application system. I will ask my recommenders to complete the required documents by the due date on November 8, 2017 at 8pm Eastern Time.

I agree (the Recommender Request tasks will now appear when you return to the task bar)

Task 3: High School Information

Tell us about your school.

Current High School Name and College Board Code

Select your school from the list below. You may search by your high school's name, CEEB code, zip code, city or state. Note: If your school is not listed here, please email sts@societyforscience.org. We are happy to add your school to this list (could take up to 2 business days). Do not select a school you do not actually attend. We typically add 100+ schools to this list each year.

Where is your high school located?

- I attend school in the United States or in a U.S. territory
- I attend high school abroad

High School Address

Confirm Name of High School	<input type="text"/>
High School Address	<input type="text"/>
High School Address 2	<input type="text"/>
High School City	<input type="text"/>
High School State	<input type="text"/>
High School Zip Code	<input type="text"/>
High School County	<input type="text"/>
High School Country	<input type="text"/>

Current Coursework

In what classes are you currently enrolled? Enter up to eight. (Grades are not needed)

1	<input type="text"/>
2	<input type="text"/>
3	<input type="text"/>
4	<input type="text"/>
5	<input type="text"/>
6	<input type="text"/>
7	<input type="text"/>
8	<input type="text"/>

Task 4: Activities, Interests and Awards

Tell us about your activities, interests and awards

Activities

1. Science Competitions and Programs

Have you participated in any of the following? Select all that apply.

- Science fair at the local or regional level
- Intel International Science and Engineering Fair (Intel ISEF) Finalist
- Broadcom MASTERS Entrant, Semifinalist or Finalist
- Science training program or summer institute
- Other science competitions
- None of the above

If any of the options are selected above, you will be asked to share year(s) of participation, name(s) of competitions or programs and awards won

2. 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. (Maximum 400 words)

3. 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. (Maximum 300 words)

4. Summer Activities

What did you do in the last 3 summers? Tell us about any jobs, activities, research, travel, etc. (Maximum 300 words)

Interests

5. 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? (Maximum 200 words)

6. School Subjects

What subjects in high school have you liked the most? (Maximum 200 words)

Awards

7. Academic, Community and Extra Curricular Awards (optional)

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. (Maximum 125 words per section)

Academic Awards (list up to 5):

Community Awards (list up to 3):

Extracurricular Awards (athletic, music, etc.) (list up to 3):

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Task 5: Test Scores (optional)

Sharing your standardized test scores is optional. Enter your scores in this task, then upload evidence that supports your scores in the next task.

New SAT Scores (post-March 2016)

Since the SAT now has a new scoring system we expect that some students will have new scores and others may have traditional scores. Either scores are fine to report to the Society. List the highest score from any date. No subscores are requested.

	Score	Test Date (MM/DD/YYYY)
Composite	<input type="text"/>	<input type="text"/>
Section Score: Evidence-based Reading and Writing	<input type="text"/>	<input type="text"/>
Section Score: Math	<input type="text"/>	<input type="text"/>
Cross-Test: Analysis in Science	<input type="text"/>	<input type="text"/>
Cross-Test: Analysis in History/Social Studies	<input type="text"/>	<input type="text"/>
Test Score: Reading	<input type="text"/>	<input type="text"/>
Test Score: Writing and Language	<input type="text"/>	<input type="text"/>
Test Score: Math	<input type="text"/>	<input type="text"/>

SAT Scores (pre-March 2016)

	Score	Test Date (MM/DD/YYYY)
Critical Reading	<input type="text"/>	<input type="text"/>
Mathematics	<input type="text"/>	<input type="text"/>
Writing Score	<input type="text"/>	<input type="text"/>

SAT II

(Science, Math, Engineering, and Technology tests only) List top 4 only

	Subject	Score	Test Date (MM/DD/YYYY)
SAT II Test #1	<input type="text"/>	<input type="text"/>	<input type="text"/>
SAT II Test #2	<input type="text"/>	<input type="text"/>	<input type="text"/>
SAT II Test #3	<input type="text"/>	<input type="text"/>	<input type="text"/>
SAT II Test #4	<input type="text"/>	<input type="text"/>	<input type="text"/>

ACT Scores

List highest score in each category on any date.

	Score	Test Date (MM/DD/YYYY)
English	<input type="text"/>	<input type="text"/>
Reading	<input type="text"/>	<input type="text"/>
Math	<input type="text"/>	<input type="text"/>
Science	<input type="text"/>	<input type="text"/>
Composite	<input type="text"/>	<input type="text"/>

Advanced Placement Course Test Scores

(Science, Math, Engineering, and Technology tests first) List top 8 only.

	Subject	Score	Test Date (MM/DD/YYYY)
AP Test #1	<input type="text"/>	<input type="text"/>	<input type="text"/>
AP Test #2	<input type="text"/>	<input type="text"/>	<input type="text"/>
AP Test #3	<input type="text"/>	<input type="text"/>	<input type="text"/>
AP Test #4	<input type="text"/>	<input type="text"/>	<input type="text"/>
AP Test #5	<input type="text"/>	<input type="text"/>	<input type="text"/>
AP Test #6	<input type="text"/>	<input type="text"/>	<input type="text"/>
AP Test #7	<input type="text"/>	<input type="text"/>	<input type="text"/>
AP Test #8	<input type="text"/>	<input type="text"/>	<input type="text"/>

US Territories: Other Tests

For students attending accredited overseas secondary schools only. If you do not attend school in the US and take different tests than those listed above, please report the test names and your scores here. Do not write in this box if you live in the US and/or take the tests listed above.

You will need to upload proof of the test scores you have mentioned above in Task 6 (next task). Please merge your various test score documents into one PDF document for the upload. Should you need assistance, email sts@societyforscience.org.

Task 6: Test Score Upload (optional)

Sharing your standardized test scores is optional. Enter your scores in this task, then upload evidence that supports your scores in the next task.

Only one upload is permitted in this section. You will need to merge all of your test score documents into PDF in order to upload. Please include all records for scores you shared in Task 5.

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Task 7: Essay Questions

Tell us about your project, inspiration, and impact

1. Research Project “Layperson’s Summary” (maximum 150 words)

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. Project Inspiration (maximum 300 words)

What inspired you to conduct this research project? (What is the story behind your research topic?)

3. STEM Interests (maximum 300 words)

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

4. Project Benefits and Impact (maximum 300 words)

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? What impact does your research have on the field?

5. Your Potential as a Scientist, Mathematician or Engineer (maximum 500 words)

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 (maximum 500 words)

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.

Task 8: Previous Research

Tell us about your previous science research projects

1. Individual Science Projects (optional)

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. List projects in chronological order, starting with the most recent project on top.

	Start Date (MM/DD/YYYY)	End Date (MM/DD/YYYY)	Supervising scientist/mentors (if any)	Project Title	Competition /Awards (if any)	Check this box if this is the project you are entering to Regeneron STS
1						<input type="checkbox"/>
2						<input type="checkbox"/>
3						<input type="checkbox"/>
4						<input type="checkbox"/>
5						<input type="checkbox"/>

2. Team Science Projects

Have you ever completed research with a team member?

- Yes
 No

If "NO": You are submitting that you have never conducted research as part of a student team project. Thanks for letting us know! Just to clarify, if you HAVE ever conducted research as part of a student team, you need to check YES and answer questions 2a and 2b. Even if you were a primary member of a team or conducted one portion of the research, it is still be considered a part of that team project. Team research is not eligible for the Regeneron Science Talent Search, but we are curious about your past projects. If you have not conducted any team research, carry on to question 3.

2a. Team Research Projects

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 (MM/DD/YYYY)	End Date (MM/DD/YYYY)	Teammate Name(s)	Mentor Name(s)	Project Title	Competition/Awards (if any)
1.						
2.						
3.						
4.						
5.						

2b. Clarification of Team Research (maximum 500 words)

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.

3. Conference Presentations, Abstract Publications, Student-Level Publications, Paid Publications, or Future Submission Plans (optional; maximum 500 words)

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):

4. Ph.D.-level Peer-reviewed Journal Publications (optional)

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.

	First Author	Other Authors	Journal Title	Article Title	Date of Publication (MM/DD/YYYY)	Issue number, page number, etc.	Check box if this is, or is related to, the research you are submitting to STS
Publication #1							<input type="checkbox"/>
Publication #2							<input type="checkbox"/>
Publication #3							<input type="checkbox"/>
Publication #4							<input type="checkbox"/>

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Task 9: Science Research Description

Tell us the basics about your project

1. Project Category

Select the category that best fits your project. Three PhD-level evaluators with expertise in the area you choose below will review your work.

- 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

2. Project Title

Enter your project title. For any symbols, please write the name of the symbol in all capital letters (ALPHA, GAMMA, etc.) Otherwise, please use normal Title Case.

3. Special Symbols and Formatting (optional)

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

4. Where was the experimentation / research conducted?

Select all that apply.

- Home
- High School
- College or University
- Other Research Institution
- In the Field
- Other (please specify): _____

5. 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 (please specify) _____

6. Research Location

Name of Research Location (institution, university, park, school, etc.)

Describe the Research Location

Was the primary research location in the United States or a US territory? yes no

Research Location City

Research Location State

Research Location Country

7. 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)	Job Title	Time spent with this mentor
Mentor #1						
Mentor #2						
Mentor #3						

8. How did you get the idea for your research? (maximum 300 words)

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

9. What was the duration of the research? (maximum 300 words)

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

10. If your research was conducted as part of a larger research project or group, explain how your work is independent of this larger project. (maximum 300 words)

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.

11. Please attribute the support you received in each area of the research process and highlight what you claim as your own, original, unique contribution. (maximum 200 words per section)

Provide a description of what you did in sentences, more than simply stating a percentage or writing "all."

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

12. 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. (maximum 300 words)

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13. Statement of Independence

Frequently Regeneron 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. 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 our rules and the ethics statement you must agree to in order to submit this application, and is grounds for disqualification from the Regeneron STS.

Select the option below that best describes your situation:

- 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 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. (maximum 300 words)

14. 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.

15. Research Report Guidelines

Read the Research Report Guidelines 2018 before proceeding to the next task, where you will upload your Research Report. The Research Report Guidelines document contains important information about the format of your research paper, naming convention, size limits, and more.

- I have read the Research Report Guidelines 2018 document

Task 10: Research Report Upload

Sharing your standardized test scores is optional. Enter your scores in this task, then upload evidence that supports your scores in the next task.

You are required to read the Research Report Guidelines: [Research Report Guidelines 2018](#)**

Don't forget:

- **PDF file ONLY**
- 2MB max
- Name your file "LASTNAME.FIRSTNAME.AREACODE"

**Research Report Guidelines document is available at the end of this sample application

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Task 11: Rules Wizard/Form Uploads

The following are a series of if/then questions. Most entrants will only complete a small portion of this section, depending on the project category. The full list of questions is included here, but the system will guide entrants in the right direction and will require uploads of paperwork for certain types of projects.

Human Research

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

- Yes
- No

1a. Institutional Review Board Details

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

Date of IRB Approval or Renewal (MM/DD/YYYY)

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

1b. IRB Upload - Human Behavioral

Please upload your IRB approval (or summary page if over 3 pages long), a blank informed consent form (if any), and a blank sample survey (if any).PDF file ONLY

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

- Yes
- No

2a. Is your tissue exempt from IRB review?

- Yes
- No

2b. 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 (MM/DD/YYYY)

2c. IRB Upload - Human Tissue

Please upload the summary page of the IRB approval from which the tissue came.PDF file ONLY

2d. If your tissue is exempt from IRB review, provide the following information:

Describe the tissue and how/where it was obtained.

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

3a. Explain how your data was obtained. (maximum 200 words)

3b. Identifiable information: choose the option below that best describes your 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.

3c. Explain when names were removed from the data. (maximum 150 words)

4. Does your project involve live, non-human vertebrate animals or non-human vertebrate animal tissue?

Select all that apply:

- Yes, I observed live, non-human vertebrate animals in their natural habitat(s)
- Yes, I worked with live, non-human vertebrate animals in a Regulated Research Institution
- Yes, I worked with non-human vertebrate animal tissue obtained by a supervising scientist
- No, I did not work with non-human vertebrate animals

I have read, understand, and attest that the research presented abides by the Regeneron STS Rules and Eligibility 2018 document pertaining to the use of non-human vertebrate animals.

- I agree

4a. Provide additional information about your work with non-human vertebrate animals.

List the genus, species, common names of the animal(s) involved in the project (maximum 75 words):

Explain where the study was conducted, including name and location of research institution or field work (maximum 150 words):

Please provide a description of how animals were used in this research.
(maximum 300 words)

4b. Did you have any physical contact whatsoever with the animals?

- Yes
 No

Explain the physical contact.

Observational and Behavioral Non-Human Vertebrate Animal Research

1. Did your study only involve observations of the animal(s) in their natural habitat?

- Yes: I solely observed the animals in their natural environments; no experimental or behavioral procedures were conducted for the project; the study did not affect the animal's health or well-being by causing stress or discomfort
- No: My project involved more than observations.

2. Describe your interactions and trainings to work with the animals (Observational and Behavioral).

Please explain your interaction with the animals. (maximum 200 words)

Please provide a description of the training you received on working with vertebrate animals and the dates of training(s), if any. (maximum 100 words)

3. Please provide any information on field permits, gaming licenses, or permissions that you or your mentor obtained for this research. (maximum 150 words)

4. Permits - Animal Behavioral

Please upload a scan of any permits or permissions you obtained prior to experimentation: PDF file ONLY

5. Research Institutions

Was the study performed in conjunction with a Registered Research Institution?

- Yes
 No

Institution Name:

Title of study receiving IACUC approval:

IACUC Approval Number:

Date of IACUC approval (MM/DD/YYYY):

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

List the genus, species, and common name of animal(s) involved in the project.

How is your project related to this study? (maximum 200 words)

7. IACUC Upload - Behavioral or Observational Studies

Please upload a scan of the summary page of the IACUC approval for the original study. PDF file ONLY

Non-Human Vertebrate Animal Tissue Studies

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

- Yes
 No

Non-human vertebrate animal tissue exempt from IACUC review:

List the genus, species, common name and tissue(s) of the animal(s) involved in the project.

This tissue is exempt from IACUC review because it is (maximum 200 words):

Source and catalog number (if applicable)

2. Describe your interactions and trainings to work with the vertebrate animal tissue.

Please explain your interaction with the animals. (maximum 200 words)

Please provide a description of the training you received on working with vertebrate animals and the dates of training(s), if any. (maximum 100 words)

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

Name of Registered Research Institution (and department, if any):

Name, title, and contact information for supervising scientist:

Title of the supervising scientist's study receiving (IACUC) approval:

IACUC approval number:

Date of IACUC approval (MM/DD/YYYY):

How is your project related to this study?

4. IACUC Upload - Non-Human Vertebrate Animal Tissue

Please upload a scan of the summary page of the IACUC approval for the original study.PDF file ONLY

Other Use of Live Non-Human Vertebrate Animals

1. Describe your interactions and trainings to work with the vertebrate animal tissue.

Please explain your interaction with the animals. (maximum 200 words)

Please provide a description of the training you received on working with vertebrate animals and the dates of training(s), if any. (maximum 100 words)

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

Name of Registered Research Institution (and department, if any):

Name, title, and contact information for supervising scientist:

Title of the supervising scientist's study receiving (IACUC) approval:

IACUC approval number:

Date of IACUC approval (MM/DD/YYYY):

How is your project related to this study? (maximum 250 words)

3. IACUC Upload - Live Non-Human Vertebrate Animal Study

Please upload a scan of the summary page of the IACUC approval for the original study.PDF file ONLY

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Task 12: Beyond the Project

This information is confidential and will not be shared with evaluators.

Student Information

Your Contact Information

Your Cell Phone Number (optional)

Your Home Phone Number

Your preferred email address for long term contact:

Your Address

Do you live in the United States or in a US territory?

- Yes
 No, I live abroad

Street Address

Street Address 2 (optional)

City

State

Zip Code

Name of County

Home Country

International Zip Code

Date of Birth (MM/DD/YYYY)

Ethnicity (optional)

Are you Hispanic or Latino?

- Yes
 No

Race (optional)

- American Indian or Alaska Native
 Asian or Asian American
 Black or African American
 Hispanic or Latino
 White
 Other

T-shirt Size

- S
- M
- L
- XL
- XXL

Explain your ability to speak, read, or write languages other than English (optional)

Your Name for Public Materials

Please tell us how you would like your name to appear in public materials relating to the Regeneron Science Talent Search (official bio if selected as a finalist, press releases, etc)

First Name for Public Materials

Middle Name for Public Materials (optional)

Last Name for Public Materials

Family Information

Do you have any siblings? (optional)

- Yes
- No

Please list the name(s) and age(s) of your sibling(s):

Are any of your relatives former top 40 finalists or former top 300 semifinalists/scholars/honors group in the Science Talent Search (under Regeneron, Intel or Westinghouse sponsorship?)

- Yes
- No
- Unsure

Please list the name(s) and year(s) of their participation in the Science Talent Search:

Tell us more about Parent/Guardian #1:

Name

Email Address

Do you share a primary mailing address with this Parent/Guardian? Yes No

Parent/Guardian #1's Address

Parent Guardian #1's Address 2

Parent/Guardian #1's City

Parent/Guardian #1's Country

Parent/Guardian #1's State

Parent/Guardian #1's Zip Code

Marital Status in Relation to Parent/Guardian #2 named below (optional)

Tell us more about Parent/Guardian #2 (optional):

Name

Email Address

Do you share a primary mailing address with this Parent/Guardian? Yes No

Parent/Guardian #2's Address

Parent Guardian #2's Address 2

Parent/Guardian #2's City

Parent/Guardian #2's Country

Parent/Guardian #2's State

Parent/Guardian #2's Zip Code

Marital Status in Relation to Parent/Guardian #1 (name is above)

School Information

Please provide additional information about your high school principal, and the teacher most closely associated with your application.

The teacher listed here will receive prizes if you are named a finalist.

Principal First Name	<input type="text"/>
Principal Last Name	<input type="text"/>
Principal Email Address	<input type="text"/>
Teacher (at your HS) First Name	<input type="text"/>
Teacher (at your HS) Last Name	<input type="text"/>
Teacher (at your HS) Email Address	<input type="text"/>

High School Newspaper

Please complete this section if your school has a newspaper or newsletter. We will notify this source if you are named a scholar or finalist so that your school community can celebrate this achievement.

Name of High School Newspaper	<input type="text"/>
Email Contact at High School Newspaper	<input type="text"/>

Project Information

Mentor Information

In a previous task, you shared the name(s) of your scientific mentors for your STS project. Please provide their contact information:

Mentor/Supervisor Name 1	<input type="text"/>
Phone Number of Mentor/Supervising Adult 1	<input type="text"/>
Email Address of Mentor/Supervising Adult 1	<input type="text"/>
Mentor/Supervisor Name 2	<input type="text"/>
Phone Number of Mentor/Supervising Adult 2	<input type="text"/>
Email Address of Mentor/Supervising Adult 2	<input type="text"/>
Mentor/Supervisor Name 3	<input type="text"/>

Phone Number of Mentor/Supervising Adult 3

Email Address of Mentor/Supervising Adult 3

Do you have any patents related to your research?

Select all that apply

- I have at least one patent.
- I have a patent pending.
- I am in the process of applying for a patent.
- I plan to apply for a patent in the future.
- I do not have, nor do I plan to apply for any patents related to my research.
- I do not have a patent for my STS research, but I do have a patent or patent pending for a different project.

Who has been the most positive influence on your scientific endeavors?

We will send a letter to this person to tell them that you chose them and to thank them for encouraging and assisting you.

Most Influential Person Prefix (Dr., Ms., etc.)

Most Influential Person First Name

Most Influential Person Last Name

Most Influential Person Address

Most Influential Person Address 2

Most Influential Person City

Most Influential Person Country

Most Influential Person State

Most Influential Person County Name

Most Influential Person Zip Code

Most Influential Person International Zip Code

Most Influential Person E-mail Address

How do you know this person? (maximum 75 words)

SUBMIT

In order to submit your application, you must agree to this Ethics Statement. Click "continue" below to agree:

- I certify that I am at least 18 years of age, or that I am an emancipated minor, or that I possess legal parental or guardian consent to submit the Application and participate in the Regeneron STS, and that I am fully able and competent to submit the Application and to abide by and comply with the Regeneron STS Rules & Entry Instructions. In any case, I certify that I am over the age of 13.
- I certify that all the information provided is correct and complete without omission to the best of my knowledge and I certify that the Research Report I am submitting is my own individual work, not that of a student team, nor does it represent the work of others.
- I understand that I am responsible for all aspects of my work's authenticity: the research, the Application, and all other documentation in the application process, as well as the display board and oral presentation if I am selected as a finalist.
- I attest that all these submissions are exclusively my work in substance and in presentation. I further understand that scientific fraud, misconduct, misrepresentation of work or attribution thereof, or violation of the rules and/ or eligibility requirements may result in disqualification and forfeiture of any monetary awards and that the Society reserves the right in such cases to bar future participation in Society programs.
- I agree to accept the decision of the judges as final and understand that my application and Research Report will not be returned to me but shall become the sole property of Regeneron STS/the Society.
- I also agree to permit Regeneron STS/the Society to use all information contained in my application in any way it deems appropriate for publicity purposes.
- I certify that I have read and fully understood all rules and eligibility requirements found in the Regeneron STS Rules & Entry Instructions and that I have complied with all rules and meet the eligibility for submitting this Regeneron STS entry.

All entrants should receive a confirmation email when their application is received.

INSTRUCTIONS FOR EDUCATOR RECOMMENDATIONS

Every applicant **must** request at least one Educator Recommendation. Educator Recommendations should be completed by someone who has worked with you in a classroom setting and preference should be given to educators who have worked with you in science, engineering and math.

Each applicant is allowed to request one additional Educator Recommendation (two total). You should consider requesting multiple Educator Recommendations only if you believe each educator has something unique to say about your abilities. Should you choose to request a second Educator Recommendation, you will find this option at the bottom of your Task List in the online application system.

If you are a homeschool student and your parent is your only educator and completes an Educator Recommendation, we recommend that you request a second Educator Recommendation from a non-relative who knows you in an academic setting, even if not in the traditional classroom sense.

PREVIEW OF EDUCATOR RECOMMENDATION

Do NOT complete these questions by hand. These are the questions that your teacher or other educator will answer on the Educator Recommendation that will be completed IN THE ONLINE SYSTEM. Questions #1–#3 will be answered in an uploaded letter of recommendation.

1. How long have you known this student and in what capacity? How does this student compare to students you currently teach and also to those you have known during your teaching career? (uploaded in letter)
2. Please address, with specific examples if possible, the student's character and integrity. (uploaded in letter)
3. Please describe your personal observation (if any) of the extracurricular involvement and/or leadership this student has demonstrated among his/her peers. Do not include activities you have not witnessed. Entrants are able to provide a full extracurricular list in their portion of the application. (uploaded in letter)
4. Please summarize your observations and experience with this student and the qualities (s)he possesses that you believe would contribute to his/her future promise as a scientist, mathematician or engineer. Relevant topics include (but are not limited to) scientific attitude, curiosity, initiative, problem-solving, originality of thought, collegiality, and work ethic (300 word maximum).
5. Please explain your level of knowledge (if any) regarding the submitted research project and/or any other research projects conducted by this student during his/her high school career. If you are or were involved, can you attest that the application and research project submitted in this application properly reflect his/her own work? If you were not involved and have no knowledge of the work, please state so here (300 word maximum).

INSTRUCTIONS FOR PROJECT RECOMMENDATION

Each applicant **must** request at least one Project Recommendation. The Project Recommendation should be completed by the person who is most familiar with the research and the work you did on a daily basis. In many cases that is a graduate student in a lab rather than the head of the lab.

If you worked closely with more than one mentor, you may request one additional Project Recommendation. Should you choose to request a second Project Recommendation, you will find this option at the bottom of your Task List in the online application system.

If your parent is the person closest to your research and completes your Project Recommendation, we recommend requesting an additional Project Recommendation from someone who has experience with you in a lab or research setting, making it clear that they did not mentor this particular research. If there is no adult who provided guidance to you, please have a parent or teacher complete this recommendation, stating that is the case.

PREVIEW OF PROJECT RECOMMENDATION

Do not complete these questions by hand. These are the questions your project recommender will answer in the online recommendation system. Questions #1–#9 can be answered in text boxes or a letter of recommendation can be uploaded. Questions #10–#13 must be answered in response boxes on the website.

- 1. Briefly explain how the student first became known to you.** (e.g. personal relationship, summer program, high school partnership, direct communication from student, required or elective high school course). (300 words)
Is the student related to you or your colleagues? (son, niece, cousin, etc.) If so, please explain the relationship.
- 2. Please describe the nature of your involvement with the student's research.** What role did you serve for the student? What type of guidance did you provide? (300 words)
- 3. How did the student get the idea for his/her project?** Was the project assigned; picked from a list of possible research topics; result from discussion with a scientist; arise from work in which the student was engaged; suggested by the student? (300 words)
- 4. What was the duration and intensity of the student's research experience?** Number of weeks, months or years; full-time vs. part-time; resident vs. non-resident, etc. (300 words)
- 5. Provide a brief description of your laboratory/research environment and what the student's role was within this group.** (size, number of scientists or students, research levels (post-doc, doctoral, undergraduate, high school) (300 words)
- 6. If there were other high school students in your research group, please explain the interaction of this student with others.** Name any students who performed research that was similar to this student and explain how this student's work was different and independent from others. (300 words)
- 7. For what aspects of the research can you give credit to the student as being his or her own unique contribution?** (200 words each)
 - a) Purpose of the Experiment
 - b) Procedural Design

- c) Data Collection
- d) Processing/Analysis of Data
- e) Drawing Conclusions

- 8. What did the student do that showed creativity and ingenuity?** Based on your knowledge of the student, please provide examples of how this student demonstrates future promise as a scientist. Was he/she creative in his/her science, or creative for a high school student? What is your impression of his/her knowledge of experimental design, construction or use of equipment, evaluation of data, etc.? (300 words)
- 9. Please provide any additional information that will help to articulate the work of this student.** (300 words)
- 10. Did the student's project involve non-intrusive, non-invasive research on live non-human vertebrate animals?** If yes, please describe the student's training to work with animals, the supervision under which the work took place, and the student's overall interaction with the animals. (300 words)
- 11. Was the student provided with tissue from a non-human vertebrate animal study?** If yes, please provide the title of the IACUC-approved study, the IACUC approval number and date of approval (where required/and or applicable). Please describe the interaction the student had with live animals. (300 words)
- 12. Did the student's research involve a human participants study being conducted at your institution, either behavioral or tissue?** If yes, please provide the IRB approval number and date of approval. Please describe the student's interaction with the human participants and/or the student's specific role in the larger study. (300 words)
- 13. Did you provide the student with de-identified human data?** (If yes, please describe the data source.) (300 words)

INSTRUCTIONS FOR HIGH SCHOOL REPORT

Each applicant must request at least one High School Report. The High School Report should be completed by your school counselor or other school official who is able and allowed to provide the information requested.

The Society no longer accepts hard copy transcripts; this recommender will need to upload your transcript through the online system. Should you have other types of transcripts from a community college or summer course, you will need to request these transcripts and ask your High School Report recommender to upload them on your behalf, or request another High School Report at the bottom of your Task List.

PREVIEW OF HIGH SCHOOL REPORT

Do not complete these questions by hand. The entrant will request that his or her school counselor or an administrator complete this form in the online recommendation system.

1. What is the approximate average graduation rate of your school over the past 2–3 years? (Compare the number of first year students entering your school to the number who graduate.) _____
2. Approximately what percentage of your graduates attend four-year colleges? _____
3. Type of School (please select all that apply):
 - a. Public
 - b. Private
 - c. Homeschool
 - d. Magnet School
 - e. Magnet Program within School (if student is included in it)
 - f. International Baccalaureate
 - g. AP Courses Offered
 - h. AP Courses offered in Math/Science
4. Will this student graduate from high school in May/June 2018?
5. School Transcript (PDF only)

Please upload an electronic version of the student's transcript. The Society no longer accepts hard copies in the mail. If this new rule causes concern or you experience problems with our system, please email sts@societyforscience.org.

Receipt of a school transcript prior to the Transcript and Recommendation Due Date is ultimately the responsibility of the student. Please do not delay submitting this report if you are uncertain about a school transcript.

There is no letter of recommendation associated with this report. Please do not upload one here. If you would like to submit a letter of recommendation for this student, please ask them to request an Educator Recommendation from you.

6. Note about Standardized Test Scores:

Student applicants to the Regeneron Science Talent Search are now required to upload their own test scores within the application. In prior years, this information was submitted with the High School Report.

GUIDELINES FOR RESEARCH REPORT

Each applicant must upload a Research Report through the online application system. This is your opportunity to share your research project with the Regeneron STS judges and evaluators. Please read the following guidelines closely.

1. The Research Report must be 20 pages or less. This includes all photos, tables, graphs, charts, drawings, maps, and appendices. There is no minimum number of pages.
 - a. Include a title page as the first page, abstract as the second page, and a bibliography at the end of the Research Report. The title page, abstract, and bibliography do not count in the 20 pages.
 - b. Do not put any e-mail addresses or phone numbers on your title page. Please list your name and project title only.
 - c. Number the pages of your research report in the bottom, right corner.
2. Do not include any photographs of people, especially yourself, unless scientifically necessary and with proper consent.
3. Choose a font that is clearly legible and appropriate for a research paper. The font size should appear on the page at least as large as Times New Roman 11pt font. Captions may be smaller if legible.
4. Use 1.5 line spacing and 1" margins on all sides. Do not use multiple columns.
5. Do not upload statistics or a sample of your survey here for Behavioral and Social Sciences projects. A sample survey must be uploaded along with the IRB approval in the Rules Wizard task. Full statistics in this subject area that are tens or dozens of pages long are not needed.
6. If it is widely accepted to write scientific journal articles in your specific subject area using first person plural "we," then it is acceptable for a student to use the first person "I" in place of "we," in their Regeneron STS research report. This will help to clarify what was done independently vs. with support. If this is not widely accepted in your subject area, the passive voice should still be used.
7. **PDF files are the only format accepted.** In most new versions of Word, you can "print" your Word Doc and choose "Adobe pdf" as the printer. This will allow you to save as a pdf instead of printing. Alternatively, there are many file conversion websites on the internet.
8. **File size should be 2MB or smaller.**
9. Please name your file "**LASTNAME.FIRSTNAME.AREACODE.**"
 - a. For example if Bob Smith entered the Regeneron Science Talent Search and his phone number was 123-456-7890, then his file name would be Smith.Bob.123
10. After you have uploaded your report and answered all required questions in the application, go to "Check Your Application" and preview your application as a pdf to be certain all symbols are still present and correct.