

Great Neck South Science Research Program

Great Neck South High School
341 Lakeville Road
Great Neck, NY 11020

2020-2021 GNS Research Program Application

BACKGROUND

What does the GNS Research Program Offer?

An enjoyable learning experience: The program is designed to give students a sense of community both within the classroom and within the program. We work to broaden the participants' understanding of the process of science in an individualistic manner. The atmosphere is supportive with emphasis on learning, not competition.

An opportunity to explore: Students will have the freedom to explore areas of interest by carrying out projects in a variety of areas including biology, chemistry, math, public health, computer science, engineering, environmental science, and psychology. They will develop skills in finding resources, designing and conducting experiments, and data analysis.

Interactions with professionals: Students will have the opportunity to present their data at a number of local science competitions where they will get a chance to speak with professional scientists about their results. In addition, students in the research program have the chance to conduct research in university and hospital settings that include Stony Brook University, Brookhaven National Laboratory, Cold Spring Harbor, LIJ, and many others.

National Competitions: Research students may participate in several national competitions including, but not limited to, the Regeneron Science Talent Search (STS), the International Science and Engineering Fair (ISEF) and the Junior Science and Humanities Symposium (JSHS).

What type of students are we looking for?

Grades are but one determining factor for admission. What we look for are individuals with great self-motivation, determination and passion to do independent hands-on experimental research in a topic area of their own choosing. Bottom line, we want students who work hard and will commit themselves to learning the process of science. If you have any interest in such an endeavor, we strongly suggest that you apply.

DEADLINE, SUBMISSION, AND NOTIFICATION

Deadline: January 23rd, 2020

Submission: Completed applications can be turned in to Mr. Hatten (8th grade), or the mailbox of Dr. James Truglio (all grades) located in the main office of Great Neck South High School. Completed applications can also be scanned and emailed/shared directly to Dr. Truglio at jtruglio@greatneck.k12.ny.us

Notification: An email will be sent to the address you provide below by February 14th stating the status of your application. Your guidance counselor will also be notified.

ALL inquires about completing this application should be directed to Dr. Carol Hersh (chersh@greatneck.k12.ny.us), Dr. James Truglio (jtruglio@greatneck.12.ny.us), or Ms. Nicole Spinelli (nspinelli@greatneck.k12.ny.us).

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PART 1: BACKGROUND, ACADEMIC AND PERSONAL INFORMATION

All information other than signatures on this form **must be typed**. Missing information will delay and/or prevent review of your application. Include additional sheets if necessary. **Please answer all questions completely.**

Is this the first time you are applying to this program? Yes No

Name: First: _____ Last: _____

Current Year in School: 8 9 10 11 E-mail: _____

Street Address (include street, village/town, zip): _____

Current Science Class: _____ Current Science Teacher: _____

Current Math Teacher: _____ Current Science Grades: Q1 _____ Q2 _____

1. List your extracurricular activities, community related activities, and other research related experiences you may have had. Use the back to list additional items.

Activity	Year of Involvement (8, 9, 10, 11 th grade)	Hours Per Week
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

PART 2: TRANSCRIPT AND PERSONAL STATEMENT

- **Include a copy of your most recent school transcript**, which you can get from your guidance counselor.
- **Please complete one of the following.** Your response must be no more than 250 words.
 1. Look at Science Daily (sciencedaily.com) and choose an article that interests you. Write a summary and attach a printout of the actual article. Take care that the summary is strictly in your own words.
 2. Describe something that you learned about in a science class that you thought was particularly interesting.
 3. Describe a device that you would like to build, what it would be designed to accomplish, and how it would achieve your goal.

I certify that the information stated in this application is true and correct to the best of my knowledge.

Applicant's Signature

Date

Parent / Guardian's Signature

Date