

Summer 2023 SEO/YES Program Application

The Case Western Reserve University School of Medicine is pleased to welcome you to the application process for our 2023 high school student research program. This year, as in the past few years, we will have two concurrent programs: The Scientific Enrichment and Opportunity (SEO) Program and the Youth Engaged in Science (YES) Program. SEO Program students will be expected to participate in research projects on a full-time basis, for an eight (8) week period, from June 5 through July 28, 2023. The YES Program will consist of the same laboratory schedule for the summer, will be cancer research focused, and will also provide the opportunity for part-time lab work during the school year. Both SEO and YES students will receive stipends. If you are interested in participating in either of these programs, complete this application and return all supplemental materials (described below) to J.T. Render (jxr488@case.edu). If you are interested in the YES Program, be sure to indicate this when asked.

Students will be selected for participation in these programs based on their interest in science, their scholastic achievement and letters of recommendation submitted by their high school science teachers and school counselors. To be eligible for this program, applicants must have a minimum GPA of 3.0. Students must be at least 14 years old by the time they begin research activities.

Information for New Students: Your application is not complete without submitting letters of recommendation from your high school counselor as well as a science teacher. In addition, you must submit a copy of your most recent transcripts. Please have your teachers and counselors email those directly to J.T. Render (jxr488@case.edu). If they do not want to email these documents, have them reach out to us and we will work out an acceptable method of submission.

Information for Returning Students: Returning students do not need to submit letters of recommendation, only current transcripts.

All students must submit a parental consent form. This form can be found [here](#) or copies can be requested from J.T. Render jxr488@case.edu. Your application will not be considered complete until we receive this form.

ALL APPLICATIONS AND SUPPORTING MATERIALS MUST BE RECEIVED BY 11:59 PM ON FEBRUARY 24, 2023.

Please email J.T. Render jxr488@case.edu with any questions or concerns regarding the program or your application.

New and Returning Student Information

Student Information

The following questions, # 1-18, are to be filled out by everyone, regardless of prior participation.

Name

First

Middle Initial (If you do not have one, type n/a)

Last

Date of Birth (mm/dd/yyyy)

Gender Identity

- Male
- Female
- Non-binary / third gender
- Prefer not to say

Ethnicity

- Hispanic or Latino
- Not Hispanic or Latino

Race

- White
- Black or African American
- American Indian or Alaska Native
- Asian
- Native Hawaiian or Pacific Islander
- Other

Contact Information

Permanent email address

Phone number (cell)

Other phone number (if applicable)

Home Address

Address

Address 2

City

State

Postal code

Mailing Address (if different from home address)

Name

Address

Address 2

City

State

Postal code

School Information

Current School

Grade to start 2022-2023 school year

Cumulative GPA (Minimum GPA of 3.0 Required)

Name of recommending high school counselor (New Students Only)

Name of recommending science teacher (New Students Only)

Parent Information

Parent Information (Guardian)

Mother's Full Name

Mother's Information

Email Address

Phone number

Father's Full Name

Father's Information

Email Address

Phone number

Emergency Contacts

Emergency Contact Information

Name

Relation

Phone #

Address

New or Returning Student?

The Youth Engaged in Science (YES) Program runs simultaneously with the Scientific Enrichment and Opportunity (SEO) Program and is for individuals from groups **underrepresented in the sciences** who are interested in cancer research. If you would like to be considered for this program as well, please provide the following information:

Racial/Ethnic Group

- Black or African American
- Hispanic or Latino
- American Indian or Alaskan Native
- Native Hawaiian
- Pacific Islander
- Handicapped
- Family income less than 200% poverty
- First in family to attend college
- Other (please specify)



Have you previously participated in the SEO or YES program at Case Western Reserve University?

Yes

No

(Optional) Consideration for YES

Essay Questions

Essay Questions - The following questions are designed to help us learn as much about you as possible. By answering these questions, you will be assisting the Committee with their evaluation process. Please answer in the space provided.

What science courses have you taken? Include honors, advanced placement, or special science program.

Have you ever worked on a science research project? If so, explain.

Do you have any special scientific interests? If so, explain.

Do you want to become a research scientist?

Do you want to become a physician?

What are your future career plans?

What colleges, if any, have you applied to or are you interested in applying to?

How do you think this opportunity will enhance your career goals?

Describe why you want to participate in the Case School of Medicine Scientific Enrichment and Opportunity Program? What do you expect to gain from the experience?

What are your special interests and hobbies?

What was the last book that you read outside of class and would you recommend it to a friend?

Please tell us about your previous research project at Case. (if applicable)

Lab Director - Principal Investigator

Department

Project Title

Publications or presentations resulting from this project:

Did you participate in YES program last year?

Yes

No

Do you want to continue in YES program this year?

Yes

No

Additional information for Returning Students

What science courses are you taking this school year? Include honors and advanced placement, or special programs.

How did you benefit from participating in last year's Scientific Enrichment & Opportunity Program or the Youth Engaged in Science Research Program?

During this school year, did you maintain any contact with the lab you worked in last summer?

What are your future career plans? Have they changed since your SEO/YES experience last year?

What colleges, if any, have you applied to or are you interested in applying to?

Do you have any suggestions or specific requests for this coming summer's program?

Do you want to work in the same lab or a different lab? Why?

What are your special interests and hobbies?

What was the last book that you read outside of class and would you recommend it to a friend?

Final Questions

Describe any conflicts that may interfere with your ability to participate in research and education activities full-time for five (5) full days each week for the 8 week period from June 5 - July 28, 2023. Include any planned family vacations.

This is the end of the application. Please answer "Yes" if you are ready to submit. Once you click the next button, you will be unable to edit your responses. If you are having issues with your application, please email J.T. Render (jxr488@case.edu).

- Yes
- No