

# Summer Research Experience Program in Cancer Science

Are you a college junior contemplating a research career choice that includes graduate school?

**Please contact Say Yes Buffalo staff at [info@sayyestoyourcareer.org](mailto:info@sayyestoyourcareer.org) if you plan to apply for this internship!**

## Program Dates

Monday, June 1 – Friday, August 7, 2020 (10 weeks)

Consider a first-hand cancer research experience in the translational setting of a cancer center working full-time on an independent project of your choosing.

Your research experience will take place in the collaborative environment of a research laboratory. You will receive mentorship and insight into your desired future career by working alongside a research staff of graduate students, post-doctoral scholars and laboratory technicians. This core research experience will be fortified by laboratory skills-training, a weekly didactic lecture series on cancer biology and career development activities. Through these activities you will learn about current and cutting-edge topics; share in your discoveries peers; and explore science careers. In combination your research experience and supporting educational activities will help you to make an informed decision about and distinguish your application for graduate school.

You will conclude your research experience by presenting your project in the formal settings of both the program research conference and "Buffalo Research Day." Here you will hone your scientific communication skills and compete for awarded "Best Talks." Throughout the program you will have the opportunity to bond with peers who have the same interest in science by attending planned social activities.

## Specifically interested in tobacco research which leads to policy-making?

There is a special opportunity for students interested in tobacco regulatory science to participate in a research meeting/collaboration with WNY Center for Research on Flavored Tobacco Products (CRoFT) investigators at the University of Rochester Medical Center as part of the ten week research program. To take advantage of this opportunity, applicants should consider ranking mentors on their application who are asterisked in the Mentor Directory at the application page.

[Apply Now](#)

**Two-Summer Funded Research Opportunity for Current Sophomores in CSTEP Programs**

There is an opportunity for current Sophomores enrolled in CSTEP Programs to participate in two summer's of funded research under the R25 Summer Research Experience Program. Students who are attending local and regional SUNY colleges and enrolled in CSTEP programs can apply as a sophomore to receive a research experience in the summer after sophomore year and return again to continue research after junior year. This allows students to receive a significant amount of research time to be productive towards presenting and potentially publishing their research. Students in their second summer will also mentor their peers starting their first Sophomore summer experience. Interested applicants should indicate they are CSTEP sophomores on the application and select from those mentors who are participating in this two-summer peer-to-peer program

### **Areas of Research**

Students with an interest in biology, chemistry, physics or math can choose to rank their selection of available projects in the following research areas:

- Cancer biophysics
- Biostatistics
- Tumor immunology
- Cancer prevention/epidemiology
- Cancer cellular/molecular biology
- Cancer genetics
- Molecular pharmacology
- Cancer therapeutics

### **Previous projects covered the following topics:**

- “Mechanisms of Taxol Resistance in Prostate Cancer Cell Lines”
- “Effect of Radioprotectant Drug CBLB502 on Proliferative Cells of the Irradiated Mouse Brain”
- “Development of Interactive Prostate Cancer Education Program for African American Lay Health Advisors”

### **Program Eligibility**

Applicants must meet all the following criteria at the time of application:

- **Enrolled in their junior year of college at the time of application (graduating class of 2021)**
- A U.S. citizen or a U.S. permanent resident

Each student accepted into the NCI R25 funded 10-week program will receive a subsistence allowance in the amount of **\$6000**. These allowances are disbursed to summer students in five bi-weekly (every two weeks) check installments over the duration of the summer program.

Eligibility criteria for this funding source is listed above. This allowance is used by students to pay for food, incidentals and, in the case of out-of-town interns, dormitory/housing costs (see below for cost breakdown.)

### **Program Cost**

#### **Applicants**

- Application fee: **\$35** (non-refundable)\*

\*Students may have the application fee waived if they are eligible to for the following financial aid programs according to their SAR report: *Academic Competitiveness Grant; Federal Supplemental Educational Opportunity Grant; Scholarships for Disadvantaged Students*

#### **All accepted interns**

- Program fee: **\$65** (non-refundable) – **Say Yes Buffalo will cover the costs for any scholar who is accepted into the program.**

#### **To Apply: Step 1: Review available internships**

Review the [directory of available research opportunities](#). It is highly recommended that you print or reference this list when ranking your choice of mentor in the online application.

#### **Step 2: Prepare personal statement question**

Take time to review the [personal statement questions](#) ahead of time in order to prepare your answers.

#### **Step 3: Choose your references**

In the online application, you will be asked to provide contact information for a teacher, advisor or other individual who can assess your abilities in science. Be sure to notify this individual that you are using them as a reference and that they should expect an email from the program (email domain: @roswellpark.org) asking them to complete an online recommendation on your behalf.

#### **Step 4: Complete the online application- [Click Here](#)**

**IMPORTANT ALERT-** The online application is functional, however, we have encountered a glitch where the list of faculty in the drop-down hasn't been updated and is not matching the list in the above directory. Our technical team is working to resolve this issue. In the meantime, applicants should save their progress and return once the issue is resolved to make selections.

## Step 5: Application fee

The \$35 non-refundable application fee can be paid online. Once the application is complete, applicants will be directed to a payment portal where there the payment can be made online or, if applicants choose to pay by check, receive instructions for this payment method.

## Step 6: Submit supplemental application materials

To complete your application packet, submit the following supplemental materials:

- **Unofficial transcript** from the school you are currently attending

Supplemental materials must be sent by mail to the exact address below by DEADLINE date of **January 17th**.

Email: [education@roswellpark.org](mailto:education@roswellpark.org) (be sure to include in subject line "College Summer Program Supplemental Materials")

US Postal Service:

### **Summer Internship Program**

c/o Adam Kisailus  
Department of Educational Affairs  
Roswell Park Comprehensive Cancer Center  
Elm and Carlton Streets  
Buffalo, New York 14263

**Application Deadline:** January 17, 2020