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Memorial Sloan Kettering
Cancer Center

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- Obtain hands-on biology research experience in cutting-edge laboratories.
- Interact with faculty, postdoctoral fellows, and graduate students.
- Attend a luncheon/seminar series of presentations by faculty.
- Attend skills development workshops to hone presentation and interview skills.
- Attend and present at the summer research symposium at the end of the program.

Students who are accepted into the summer program will be offered a stipend of \$6,500 and housing accommodations.

Please note that participants in the program must be fully vaccinated and boosted against COVID-19.

Areas of Research

Animal models of disease
Cancer biology and genetics
Cell and organelle biology
Cell signaling and regulation
Developmental biology
Experimental pathology
Gene expression
Genomic integrity and DNA repair
Genomics
Immunology
Molecular biology
Pharmacology
Stem cell biology
Structural biology
Therapeutics

How to Apply

We invite domestic and international undergraduate freshmen, sophomores, and juniors who are contemplating a career in bio-medically related sciences to apply to the Mechanistic Biology Summer Program.

Applicants should have a minimum GPA of 3.0, have completed college-level general biology and/or introductory chemistry, have taken some advanced science courses, and have research experience.

In addition to the application form and admission essay, please upload copies of your official transcripts from ALL institutions attended beyond secondary school and that are properly signed and authenticated. Transcripts should be uploaded in the application portal as non-encrypted PDF files. Uploading a transcript with any type of protection or encryption may prevent us from viewing the file and will delay processing of your application.

Two letters of recommendation must also be submitted via our online submission system. These letters should be written by faculty members who are familiar with the student's academic progress and credentials. Students with research experience must submit letters from their research mentors/advisors.

Application Considerations

We invite domestic and international* undergraduate freshmen, sophomores, and juniors who are contemplating a career in biomedical sciences to apply to the Mechanistic Biology Summer Program.

Students interested in applying can complete and submit an application in November 2024.

Applicants should have:

- A minimum GPA of 3.0

- Completed college-level general biology and introductory chemistry

- Taken some advanced science courses

- Previous research experience

**Note on International Applicants: The program accepts applications from non-US citizens enrolled in an accredited college or university, but those accepted into the internship will be required to provide evidence of their eligibility to work in the US to participate in the program. You are eligible to apply if you have a student visa (only F-1 or J-1 student visas are acceptable. Student Visas (F-1 and J-1) are provided by the student's school. The program is not responsible for obtaining the OPT or CPT status- the accepted intern will bear this responsibility.*

Frequently Asked Questions

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Contact Us

Questions? Contact the Program Administrator at OSET@mskcc.org. You can also review our [Eligibility FAQs](#) and [Application Process FAQs](#).

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