

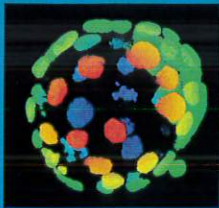
“The scientific policy of the institute rests upon the principle that basic advances through research are made only by the creative genius of individual scientists.”

ALFRED P. SLOAN, JR., CO-FOUNDER, SLOAN KETTERING INSTITUTE, UPON THE CREATION OF THE INSTITUTE IN 1945



Color-coded depth projection of a living blastocyst-stage mouse embryo was computationally rendered from a laser scanning confocal z-stack of x-y images. The embryo is transgenic and expresses a histone H2B-EGFP fusion protein in all cells.

Courtesy of Hadjantonakis, PhD, et al



*The weekly seminar series exposed us to the breadth of research being conducted at MSK, allowing us to connect with faculty in a variety of fields. Beyond research, the SURP program created a community of like-minded students, and I am very grateful to have met such wonderful people who will likely become my future colleagues.*

MARY CLARE BEYTAGH  
(MASSACHUSETTS INSTITUTE OF TECHNOLOGY)



*Working at Sloan Kettering gave me a true taste of what goes on at world-class institutions, and it left me wanting to be a part of the new generation of doctor scientists performing cutting-edge research.*

SPENCER DARVEAU  
(BROWN UNIVERSITY)



*I really loved my experience at GSK. My lab has been unbelievably welcoming and open to answering all my questions, and their passion for science has driven me to pursue research in the future as well. I really appreciated how GSK tried to expose us to the different aspects of research, and how the staff were so accommodating and approachable.*

KATHERINE HU  
(JOHNS HOPKINS UNIVERSITY)



*I made close bonds with many of the other interns, especially my roommates, that I plan to keep for a long time to come. I was also pleased with the scientific discussion held between the interns during the course of the summer and during the chalk talks.*

DETOMIWA OWOSENI  
(HOWARD UNIVERSITY)

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Cancer Center

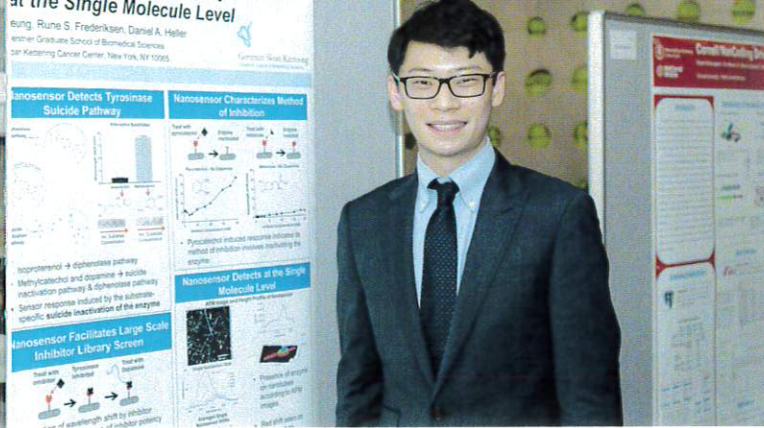


## Summer Undergraduate Research Program



Gerstner Sloan Kettering  
Graduate School of Biomedical Sciences

New York City



## The Program

The Gerstner Sloan Kettering Graduate School of Biomedical Sciences sponsors a week research program for outstanding undergraduate students who are interested in pursuing a career in biomedically related sciences. Students in the program will have the opportunity to:

- obtain hands-on research experience in cutting-edge laboratories
- interact with faculty, postdoctoral fellows, and graduate students
- attend weekly luncheon seminar, with presentations by faculty
- attend workshops to improve and develop presentation and interview skills
- attend and present at works-in-progress sessions with the cohort of summer students
- present their research at a special poster session at the end of the program

## Areas of Research

The explosion in knowledge that has driven recent progress in the diagnosis and treatment of cancer reflects the vitality of laboratory science at the Sloan Kettering Institute. Students will learn from scientists who are conducting research in:

- developmental biology and genetics
- signals and pathways involved in the control of cell proliferation
- cell-cell interactions, adhesion, and protein targeting
- tumor immunology, immunotherapy, and transplantation biology
- genomic integrity and human cancer genetics
- drug development, drug resistance, and clinical therapeutics
- chemical biology and structural biology
- computational biology

## The Award

Students who are accepted will be offered a stipend and housing. Four exceptional students will be selected Rubin and Sarah Shaps Scholars.

## Eligibility Selection Criteria

We invite domestic and international undergraduate freshmen, sophomores, and juniors who are contemplating a career in biomedically related sciences to apply to the Summer Undergraduate Research Program. Applicants should have a minimum GPA of 3.0. The most competitive applicants will have completed college-level general biology introductory chemistry, have taken some advanced science courses, and have research experience.

The criteria for selection include the applicant's undergraduate record, two letters of recommendation, and an inclination toward research as demonstrated in the submitted application.

## The Schedule

The program begins on the first Monday in June and runs for consecutive weeks.

## The Application

Students who are interested in applying to the program can find the application on [www.sloankettering.edu](http://www.sloankettering.edu). In addition to the application form and essay, applicants should submit an official transcript and two letters of recommendation. These letters should be written by faculty members who are familiar with the applicant's academic credentials or, if applicable, research advisor. The deadline for submission of all application materials is February 1. Applicants will be notified of a decision by March 15.



*MSK is a great environment. I'm glad that we had so many opportunities to work on the skills we will need in the grad school application process as well as in our future scientific careers.*

MARIA SIRENKO  
(CORNELL UNIVERSITY)  
2015 SURP STUDENT, CURRENT GSK PHD STUDENT