



Testimonials

This summer was literally life changing. Everyone from the lab members to the SURPEEs to the office staff to the administration treated us with the utmost respect and warmth. These things more truly speak to the level of excellence that GSK functions at. Thanks again for an amazing summer and hopefully I'll be back soon!

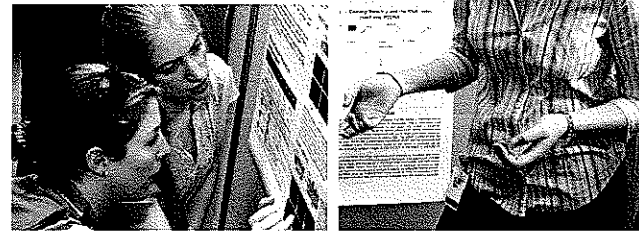
Luis Barraza, University of Arizona Tucson

This summer was an amazing experience for me as a developing researcher. It was an opportunity for me to become a stronger bench scientist while also providing a rich setting for scientific discussion. Most importantly, the seminars and journal clubs helped develop a pattern of active engagement with the larger research community which will be instrumental as I continue my studies.

Ellora Berthet, Harvard University

Activities such as journal club and faculty seminars were very useful. Journal club was good because I had previously had a hard time knowing what to look for in a paper, both in terms of looking at content and not getting so lost in details that I couldn't see the bigger reasons, and in beginning to evaluate the validity/etc. The seminars were good because I like seeing what sort of projects are being worked on, because I'm still trying to decide what I'd like to do in the long run.

Alison Spencer, University of Rochester



This has been an unforgettable summer thanks in part to the friendships I have made with the fellow SURP students and the people in my lab. I can honestly say that if there was ever a doubt in my mind about obtaining a PhD, it has been completely cleared! I look forward to forming a career in science and that is thanks to this program!

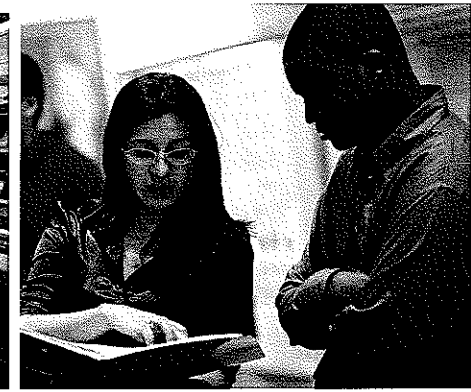
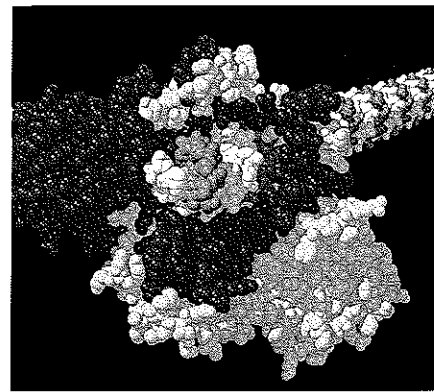
Olga Herrera, University of Texas El Paso

The opportunity to conduct research alongside the most talented scientists has been the highlight of my summer. I not only learned so much about a specific scientific topic, but I also learned how to conduct scientific research — directly from those who know and do it best. I was pleasantly overwhelmed by the concentration of scientific talent and resources at this institution. This program has convinced me that science is the appropriate path for me. When walking to the lab each morning, I did not feel as though I was going to work, but rather to a setting in which I was free to explore intriguing phenomena and have fun. My experience has not only increased my enthusiasm for a career in science, but also enhanced my ability to pursue one.

Kristin Knouse, Duke University

The best part of the program was of course the lab experience, but more specific to the program was the helpful seminars we had throughout the summer. GRE prep and guidance about graduate school applications was extremely useful and appreciated. My experience at GSK has been one of the best of my life. I have learned so much this summer and have become immersed in an incredibly exciting lab. I am disappointed that the summer has to come to an end, and I won't be waking up every morning to come into this lab.

Meredith Spadaccia, University of Maryland College Park



Summer Undergraduate Research Program



Gerstner Sloan-Kettering
Graduate School of Biomedical Sciences



Gerstner Sloan-Kettering

Graduate School of Biomedical Sciences

Louis V. Gerstner, Jr. Graduate School of Biomedical Sciences
Memorial Sloan-Kettering Cancer Center
1275 York Avenue, Box 441, New York, New York 10065

surp@sloankettering.edu
646 888 6639

www.sloankettering.edu

“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.”

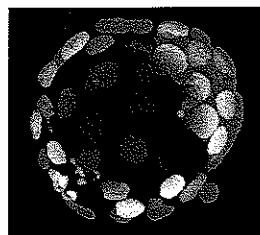
Alfred P. Sloan, Jr. Co-Founder, Sloan-Kettering Institute, upon the creation of the Institute in 1945



The Program

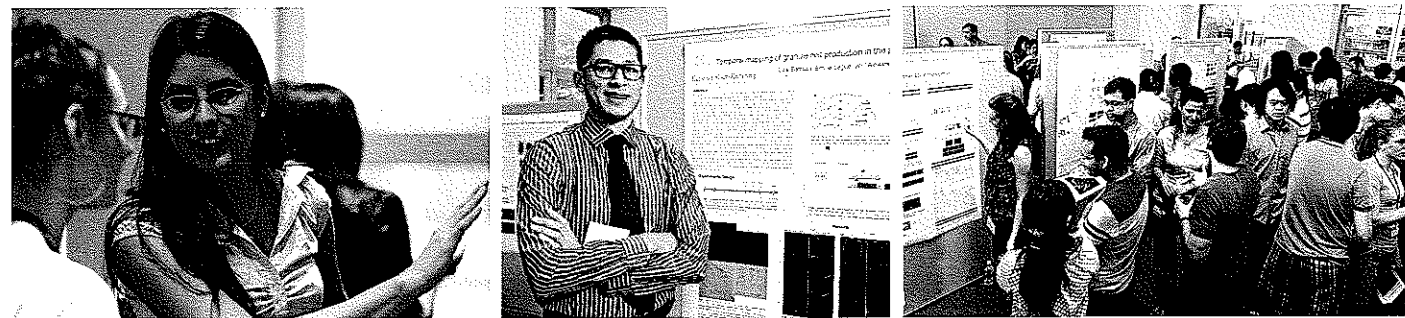
The Gerstner Sloan-Kettering Graduate School of Biomedical Sciences sponsors a 10-week research program for outstanding undergraduate students who are interested in pursuing a career in biomedically related sciences. Students in the program will have the opportunity to:

- Obtain hands-on research experience in cutting-edge laboratories
- Interact with faculty, postdoctoral fellows, and graduate students
- Attend a weekly luncheon/seminar series, with presentations by faculty
- Attend skills/development workshops, such as presentation skills, interview skills, etc.
- 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



Color-coded depth projection of a living blastocyst-stage mouse embryo. This image 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



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 Sloan-Kettering. 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 into the program will be offered a stipend of \$3,000 and housing. Four exceptional students will be selected and named “Rubin and Sarah Shaps Scholars”.

Eligibility/Selection Criteria

We invite applications from undergraduate freshmen, sophomores, or juniors who are contemplating a career in biomedically related sciences. Applicants should have a minimum 3.0 GPA and should have completed at least general biology and/or introductory chemistry.

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

The Schedule

The program begins on the first Monday in June and runs for 10 consecutive weeks.

The Application

Students who are interested in applying to the Program can find the application materials at www.sloankettering.edu. In addition to the application form and essay, students should submit an official transcript and two letters of recommendation. These letters should be written by faculty members who are familiar with the student’s academic credentials or, if applicable, written by the research advisor/s. The deadline for submission of all application materials is February 1. Applicants will be notified of a decision between March 1 and March 15.