



Fermilab

Equal Opportunity & Diversity Office

Summer Internships in Science and Technology (SIST)
sist@fnal.gov • 630-840-3415 • 630.840.8365 (fax)

2016 FACT SHEET

FERMILAB SUMMER INTERNSHIPS IN SCIENCE AND TECHNOLOGY

Fermilab selects approximately fifteen college students to participate in the Summer Internships in Science and Technology (SIST) program each year to help us develop a richer understanding of the fundamental properties of matter. This internship program has been developed to familiarize select college students with opportunities at the frontier of scientific research and to provide experiences that support their choice of science as a career. The students we target are U.S. citizens, permanent residents, and foreign nationals (holding pre- or postgraduation CPT/OPT) with majors and interests in Physics, Electrical Engineering, Mechanical Engineering or the Computer Sciences. Applicants must be enrolled in a 4 year college or university in the United States.

Candidates for the 2016 summer program may apply starting in November 2015. The SIST Committee, consisting of Fermilab scientists and engineers, selects the best candidates from the pool of applicants. The intern will join a Fermilab staff member in some scientific, engineering or computer work to carry out experiments, to improve the operation of the accelerator complex or to support and develop specialized research. Interns are assigned projects appropriate to their interests and academic levels.

The twelve-week program consists of a work assignment, an academic lecture series, and a final report that the intern presents orally to the Fermilab staff and submits to the Laboratory in writing. Reports from previous years are available at our web site. We recommend the intern participate in a lab-wide "Interns Poster Session" in August. There are no grades or quizzes. The SIST Committee will follow the intern's progress to help ensure his/her maximum benefit from the program. The 2016 program will run from May 31 through August 19.

For a student to be considered for this program, s/he must submit a completed application and two letters of recommendation. The deadline for application to this year's program is Sunday January 31, 2016 at 23:59 Chicago time. Selected applicants will be contacted by phone or e-mail to schedule an interview with the SIST Committee. Interviews will be held in early February. Selected applicants will be informed by e-mail on February 16, 2016.

More information can be found at our web site:

<http://diversity.fnal.gov/sist>

Fermilab SIST Program Details

STIPEND:

An intern in the SIST program receives a salary for the work done, based on a 40-hour workweek and the course hours that have completed by the summer of 2016.

<i>Course hours completed Implied Class</i>		<i>Implied class level</i>	<i>Weekly Salary</i>
<i>By Semester</i>	<i>By Quarter</i>		
10-29	15-44	Freshman	<i>Under evaluation</i>
30-59	45-89	Sophomore	
60-89	90-124	Junior	
90+	125+	Senior	

Standard US taxes will be withheld from the pay, as is customary with all Fermilab employees. Summer interns receive no paid sick leave and no vacation. Any overtime or shift premium is arranged through the division where the intern is assigned. Interns will receive their first paycheck after about two weeks of work, so they must bring enough money to pay for their expenses during that period.

INSURANCE:

- Medical insurance is not provided by the laboratory.
- Proof of medical insurance is required for all interns.

BENEFITS:

- Housing arranged by the Laboratory and partially subsidized by the program.
- Paid airfare and/or ground transportation to and from the Laboratory.
- Shared cars for use between local housing and the Laboratory.

EXPECTATIONS:

- To adhere to the job duties and to observe the required time and attendance standards, as defined by your supervisor.
- To attend program activities, including the final presentations.
- To attend the weekly physics and engineering lecture series.
- To prepare and present oral and written reports at the end of the session. (The reports will be published on the web and distributed to the interns' home institutions.)
- To conduct yourself in a responsible and professional manner.

IMPORTANT DATES:

Accepting Applications	starting in November 2015
Application Deadline	Sunday January 31, 2016, 23:59 CST (<i>just before midnight</i>)
Interviews	February 8-12, 2016 (<i>via Skype or Google Hangouts</i>)
Finalists Notified	February 16, 2016
Program Dates	May 31 through August 19, 2016
Paid Travel Days	Tuesday May 31 and Friday August 19, 2016
Paid Holiday	Monday July 4, 2016

FOR MORE INFORMATION:

Contact: Sandra Charles, EOO, 630-840-4574, fax: 630-840-8365, scharles@fnal.gov

Elliott McCrory, SIST Committee Chair: sist@fnal.gov

On the Web: <http://diversity.fnal.gov/sist>