

2012 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 post-graduation OPT) with majors and interests in **Physics, Electrical Engineering, Mechanical Engineering** and the **Computer Sciences**. Applicants must be enrolled in a 4 year college or university in the **United States**.

Candidates for the 2012 summer program may apply to the program starting in November 2011. 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 particle accelerator 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. 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 2012 program will run from May 21 through August 10.

For a student to be considered for this program, s/he must submit: the completed application, two letters of recommendation, and a recent academic transcript. The deadline for application to this year's program is February 17, 2012. Selected applicants will be contacted by phone or e-mail to schedule an interview with the SIST Committee during the first week of March. Applicants will be informed of their application status by e-mail on March 9, 2012.

More information can be found at our web site:

<http://sist.fnal.gov>

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 2012.

<i>Course hours completed</i>		<i>Implied Class Level</i>	<i>Weekly Salary</i>
<i>By Semester</i>	<i>By Quarter</i>		
10-29	15-44	Freshman	\$615
30-59	45-89	Sophomore	\$678
60-89	90-124	Junior	\$738
90+	125+	Senior	\$798

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 2011
Application Deadline	February 17, 2012
Interviews	February 27 - March 2, 2012
Finalists Notified	March 9, 2012
Interns Notify SIST	March 23, 2012
Program Dates	May 21 through August 10, 2012
Travel Days	May 21 and August 10, 2012
Paid Holidays	May 28 and July 4, 2012

FOR MORE INFORMATION:

Contact: Dianne Engram, EOO, 630-840-4633, fax: 630-840-8365, engram@fnal.gov
Jamieson Olsen, SIST Committee Chair: sist@fnal.gov

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