

LEPP Internship Program for High School Students



Introduction:

The internship program at LEPP has been developed in order to provide high school students with the opportunity to explore their interests and talents while being exposed to careers involving particle physics. There are no wages accompanying this program.

LEPP utilizes The Learning Web agency as a mechanism through which to launch the internship program. The Learning Web houses an established Apprenticeship Program available to high school students located in Ithaca and the surrounding areas. The apprenticeship program offers career exploration activities including tours, job shadowing and unpaid internships under the one-to-one guidance of an adult mentor.

LEPP has agreed to follow the guidelines and policies set forth by the Learning Web Apprenticeship Program regarding student placement, activities and accountability. Specific details regarding the Learning Web's program, hours and office locations can be obtained by contacting Lora Hine, Wilson Lab room #222 or ikh24@cornell.edu.

Learning Web/LEPP Policy:

High school students interested in participating in an internship at LEPP or elsewhere in the community must complete the intake process at The Learning Web. Students will then be assigned to a Learning Web apprenticeship coordinator who will facilitate the placement process.

If a student is interested in conducting an internship at Wilson or Newman Lab, the Learning Web apprenticeship coordinator will notify the LEPP outreach coordinator of the student's interests and availability. The outreach coordinator will solicit LEPP scientists and staff for an apprenticeship position that would be appropriate for the student.

Once a possible LEPP mentor has been identified, a Mentor Application form will need to be filled out by the mentor and put on file at the Learning Web. After reference checks are completed, the prospective intern, mentor, and Learning Web advocate will discuss the proposed project at an Intake meeting. A project topic, timeline, student/mentor expectations and responsibilities will be identified during this meeting. Once the details are agreed upon, the student can begin his/her apprenticeship at the Laboratory.

Additional LEPP Policies:

- Applicants interested in conducting internships at LEPP will normally be placed with a mentor on a first-come, first-served basis.
- Preferential treatment cannot be given to any applicants who are friends or relatives of Lab employees.
- Interns will work directly under the supervision of their assigned mentor. Surrogate mentors, such as graduate students, are not acceptable.
- Interns must complete the Laboratory Safety Orientation Course sponsored by LEPP before they can begin their internship.
- As this program competes with Lab resources (staff and space) a maximum of four students will be placed at one time during the summer. Interns placed at LEPP during the summer will be required to limit their position to an eight-week apprenticeship in order to allow for staff vacations.
- Students placed at LEPP during the academic year will be able to conduct semester-long (twelve weeks) apprenticeships.
- Interns can reapply for additional apprenticeships upon completion of their eight-week or twelve-week appointment by participating in a Re-Interview meeting involving the LEPP Outreach Coordinator, a Learning Web Apprentice Coordinator, the mentor and the apprentice.
- Students will be required to abide by additional guidelines and safety procedures and training developed by LEPP.

Additional Summer Opportunities for High School Students at Cornell:

- “School of Continuing Education and Summer School Sessions – Summer College for High School Students”. At Summer College, high school students take Cornell courses for credit, live on campus, explore academic and career opportunities, and find out what college is all about. Tuition is involved with this program. For more information about Summer College, look online at: http://www.sce.cornell.edu/sce/high_school.php
- “Nanobiotechnology Center’s High School Internship Program” – During this five-week internship, small teams of high school students design and fabricate nano-devices. Students must apply to this program. Room, board and stipends are provided to interns. For more information about this program, visit: <http://www.nbtc.cornell.edu/education/HS/>