

Fostering a STEM workforce

Fermilab partners with educators to introduce youth to the world of science and trains college and university students in high-tech research and development.

Statistics

K-12 students	FY2017	FY2018
Students participating in activities at Fermilab	16,458	13,387
Students visited in classrooms by Fermilab staff	22,161	18,530

K-12 teachers	FY2017	FY2018
Educators attending workshops at Fermilab	282	238
Educators using the Teacher Resource Center	166	195
Teachers holding summer research internships	9	9

College & university students & adults

Ph.D. degrees received from research at Fermilab	2,332 since 1974
Students involved in on-site programs or internships	About 1,000 in 2018
Public tour participants	5,462 in 2018



Activities

Fermilab operates a Teacher Resource Center and the Lederman Science Center, a free hands-on science education center that hosts more than 3,000 walk-in visitors and about 10,000 students on field trips every year.

Fermilab staff members serve as mentors to high school students for periods ranging from 6 weeks to 8 months. Students learn how scientists pursue discoveries in science, engineering and computing.

The Saturday Morning Physics program offers an eleven-week course for up to 300 local high-school students a year.

The national QuarkNet program, led from Fermilab, involves about 500 high school physics teachers and gives their students hands-on research experience as part of an international scientific collaboration.

Every year more than 3,000 local residents meet with physicists, engineers and computer specialists at Fermilab as part of the Ask-a-Scientist program, held on Sunday afternoons and at special events.

Fermilab offers internships for college students studying science, engineering, computing, ecology and science journalism.

[Learn more about Fermilab's Education Office at ed.fnal.gov.](http://ed.fnal.gov)

