

Fermilab: Bringing Science Education to You
Education Program E-Alert — January 2016 - August 2016
Calendar • What we're planning • From the TRC
<http://ed.fnal.gov>

Spread the word to your colleagues.

Find interesting opportunities and resources in the Fermilab Education Office E-Alert newsletter. E-mail sdahl@fnal.gov to be added to or deleted from our mailing list.

Calendar

For Families

January 31, 2016 – [Fermilab Family Open House](#)

April 17, 2016 – [Wonders of Science](#)

June 12, 2016 – [Fermilab Outdoor Family Fair](#)

For High School Students

April 20, 2016 – [Science, Technology, Engineering and Mathematics High School Career Expo](#)

For Teachers

February 20 (Deadline) – [Teacher Research Associates Program at Fermilab](#)

March 1 (Deadline) – [Scholarships Available](#)

Elementary Teachers

June 20-22 – [The Prairie – Our Heartland](#)

June 23-24 – [Insects at Work in Our World](#)

August 1-5 – [Phriendly Physics](#)

Middle Level Teachers

July 18-22 – [Beauty and Charm](#)

July 25-29 – [Particles and Prairies](#)

High School Teachers – [Summer Secondary Science Institutes](#)

June 20-24 – Summer Secondary Biology Institute

June 20-24 – Summer Secondary Physics Institute: Mechanics

June 27-30 – Summer Secondary Physics Institute: Electricity & Magnetism

What we're planning

[Scholarships](#) for Teacher Workshops & Transportation and Science Adventures

Funding for professional development for teachers and enrichment for students such as doing science in the field is becoming increasingly difficult for schools. Not all families have the opportunity to enroll students in science and math enrichment classes. [Fermilab Friends for Science Education](#) offers scholarships for teachers to attend summer workshops, assists with field trip transportation expenses and provides scholarships to families for student classes held at Fermilab. Application deadline is March 1, 2016.

[Teacher Research Associates Program at Fermilab](#)

Appointments with the Teacher Research Associates (TRAC) program are available for Summer 2016. TRAC program goals are to provide outstanding science, mathematics, computer science and technology teachers with professional scientific, engineering or technical experiences through summer research opportunities. Participants can transfer their increased awareness and understanding of cutting-edge science and technology back to the classroom. The eight-week appointments have a stipend of \$700 per week. See details on the website. Application deadline is February 20, 2016.

[Fermilab Family Open House](#)

January 31 – 1:00 p.m.–5:00 p.m.

The FREE open house will be most appropriate for families with children in grades 3 and up. Tours restricted to those ages 10 and up. Go to the website to register for the tours. Watch the website for updates.

Science, Technology, Engineering and Mathematics High School [Career Expo](#)

April 20 – 5:30 p.m.–8:30 p.m.

High school students from Kane & DuPage Counties are invited to meet scientists, engineers and technicians from many STEM careers. Ask career questions of the experts. Attend panels to learn more. The program at Fermilab's Wilson Hall (high rise) is FREE with no registration required. Access posters from this site to let your students know about this event: <http://ed.fnal.gov/programs/careerfair/posterpage.html>

From the Teacher Resource Center

Are you looking for **STEM or engineering materials and curriculum** for your classroom? The [Teacher Resource Center](#) has a growing collection of these materials from a selection of publishers. Schedule a time to check out our new space for

curriculum committees to examine the breadth of up-to-date K-12 math and science **core curriculum** materials. Ask about free NGSS professional development.

<http://ed.fnal.gov/trc>

Like the Fermilab Education Office Facebook Page.

If you are a Facebook member, you'll receive updates from us if you "Like" our page. Join a group. When logged into Facebook, go to the top search box and search for "Fermilab Teacher Resource Center" and click "Ask to Join Group" on the top right. As a member, you can read and post questions and comments to the other members of this group. You can also have online chats with other members of the group.

Contact Program Staff

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