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# NATURAL WANDERS Neutrinos and Nature

#### **Fermilab**

Come to a place of the true frontier... where the American bison roam the prairie and the greatest minds in physics work to solve the mysteries of the universe — open to the public for your own exploration and discovery. Fermi National Accelerator Laboratory - America's premier laboratory for particle physics operates the second largest particle accelerator complex in the world amidst a beautiful 6,800-acre "natural laboratory" site complete with its own bison herd. One could say at Fermilab the exhilaration of the smallest particle on Earth and the largest land mammal harmoniously "collide." Unbeknownst to many, there is much to do at Fermilab, and you don't need to be a science phenom to appreciate it.

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#### To Enter Fermilab's Grounds...

you must present a photo I.D. at the gate. Fermilab's 6,800-acre site is open to the public every day of the year: from 8am to 6pm from November to March and 8am to 8pm the rest of the year.

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#### Bison are a symbol of the frontier —

the land's prairie heritage as well as the pioneering research the laboratory does today. From either Pine Street or Batavia Road you can observe the bison herd as the animals roam their 80-acre pasture. Fermilab's diversity of habitats also make it a favorite location for birdwatchers.

#### **Self-Guided Tours**

Learn about Fermilab's ecological efforts by hiking the Interpretive Prairie Trail, a half-mile-long trail located near the Pine Street entrance.

Visitors can explore the hands-on exhibits at the Leon Lederman Science Education Center, which is open Monday to Friday from 8:30 am to 4:30 pm and on Saturday from 9 am to 3 pm. Outside, children can explore the physics playground and run like a proton, be a gnomon for a sundial, or make a wave. A paved walking trail through woods takes you from the Science Center to Wilson Hall.

In Wilson Hall, visitors can explore the exhibit and viewing areas on the first and 15th floor as well as the Fermilab Art Gallery on the second floor. Sign in at the reception desk on the first floor. The hours are Monday to Friday, 8 am to 4:30 pm and Saturdays and Sundays from 9 am to 3 pm.

#### **Public Events**

Fermilab also offers extensive programs. Please visit their website for detailed information on public events, including:

- Free one-hour tour every week, Mondays at 1 pm, gather in the Atrium on the first floor of Wilson Hall
- Monthly-held Ask-a-Scientist talk, Q&A and tour (registration is required)
- Colloquium Lecture Series
- Arts & Lecture Series



### **Discover Fermilab**

- 1 WILSON HALL, SWAN LAKE AND REFLECTIVE PONDS
- 2 LEDERMAN SCIENCE CENTER AND OUTDOOR AREA
- 3 MARGARET PEARSON INTERPRETIVE TRAIL
- 4 BISON PASTURE AND VIEWING
- 5 DOG TRAINING AREA
- 6 LAKE LAW AND A.E. SEA NATURE AREA
- 7 NEPESE MARSH AND DUSAF POND





