



Parents and kids pose for a group photo on the front steps of Wilson Hall—with a special guest appearance by Leon Lederman, sitting up front. (Photo by Reidar Hahn)

INSIDE: Two Web Pages are just a sample of the many creative designs at the Lederman Science Center.

Lab and Weather Put On a Show for Kids and Parents

The day could not have been more perfect, with wispy clouds, high blue skies and summer-like temperatures welcoming participants to Fermilab for the Earth Day and Daughters And Sons To Work (DASTOW '98) activities at Fermilab.

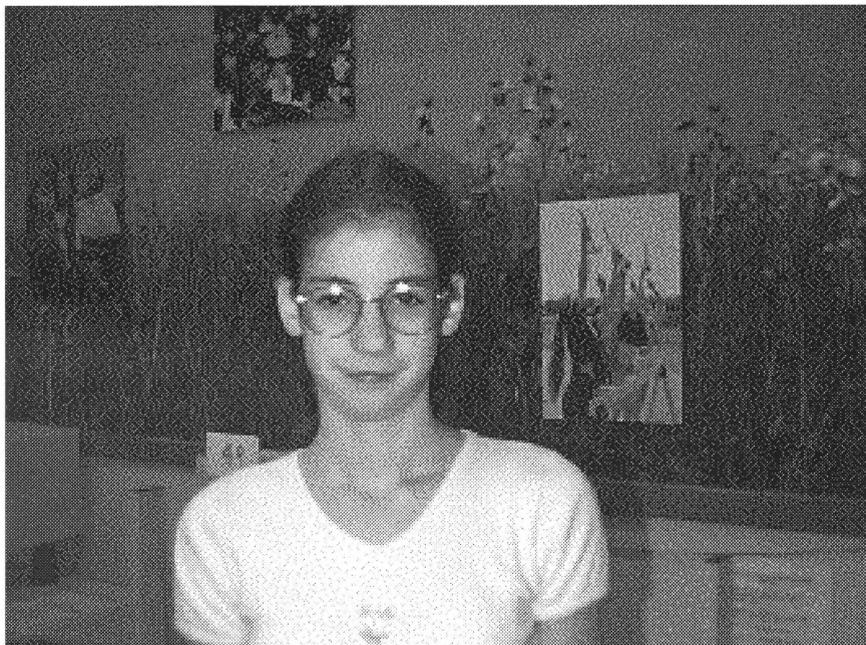
There was even a special appearance by former Lab Director Leon Lederman, the 1988 Nobel Prize winner, who emerged from Wilson Hall just before the shutter snapped for a group photo. With a smile and a wave, Lederman joined the group.

Nearly 200 kids and parents took part in the day's activities, which began with time for kids to share with their parents and learn their responsibilities at the Lab. At the Lederman Science Center, kids were able to build their own Web pages, using information obtained from interviews with people who hold various positions at the Lab.

"The Lab is a neat place, and I think science is very interesting," said Claire Muranyi, 9, and that seemed to sum up the sentiments of everyone who took part in the special day.



Photo by Fermilab Visual Media Services



Today I interviewed Jim Kalina, who is Senior Grounds Keeper. He takes care of the wild animals at Fermilab and runs heavy equipment. When he was a kid he liked the outdoors and had animals like foxes and hawks, so he wanted a job that he could be outside and keep doing what he loved to do. With this job he never really had to grow up. Now he doesn't have any animals in cages, but he keeps all the wild animals in fermilab out of trouble. One time he found two bucks with their antlers linked together, so he separated them! He also had to move a snapping turtle who was eating baby ducks and people didn't like that. Recently he had to catch some geese who were near the day care and clip their wings and put them somewhere else. His favorite part is taking care of animals because there is always something different. He hopes that animals and humans can live side by side.



Hi , My name is Stephanie Ziomek . I spent a day at Fermilab with my mom and dad on bring your child to work day . M y mom and dad both work here . Infact , they met here . Fermilab is a fun place to visit . You get to see buffalo , geese and little furry animals . I especialy like visiting my mom's and dad's work place . My mom works in accounting .She reimburses people who travel for fermilab and she works on the computer alot . My dad rebuilds ion pumps ,moves klystrons and is busy working on making a catscan machine made from old gunturrets form a old magnetic tank . And as for me , I go to school fulltime .



**Bring your Daughters
and Sons to Work**

www-ed.fnal.gov/fermikids/98/

Some things I did today was talk to T.J. Gardner who is a project coordinator who has worked at Fermilab for 18 years. I asked him some questions about his job, like what he likes best about it and what he likes least about it. He said "I like the variety of work operation I do and the variety of people." He also said the only thing he did not like was that he lives so far from work. Other than that he really likes his job.

He spends his day "putting out fires." Meaning he solves problems that could slow down the production of a project. He started this job by coming to Fermilab when he was a kid and hoping he could get a job here when he got old enough. He tried to get a job on grounds when he was 15 years old but he was not hired so he tried again when he was 19 years old. And he got the job working on building magnets. While he went to College he worked on moving up to become a project coordinator. And he has made that title now.

Moving on another thing I learned was that T.J. loves to go boating and hiking and he loves to travel and he can do all these things because the lab gives him a lot of vacation time. Since he works so hard doing his job.

I have learned a lot from this time I spent with T.J. I am glad I got the chance to learn about what he does.

Story By,

Victoria

Kids Discover Science is Fun on a Fun Day for Families at the Lab

Trees, lasers, buffalo, a super-cool show, and memories

by Mike Perricone, Office of Public Affairs

Regular light is like recess, we learned from the laser demonstration by Clif Horvath of Fermilab's Computing Division.

"Light is lots of little particles spilling out the door and bumping into each other all over the place.," Horvath told the audience of kids and parents in Wilson Hall's Ramsey Auditorium. "But a laser is different—it's like a marching band, with everybody in step and everybody going the same way."

Whether or not there were future physicists in the audience, they received a message they might not have heard before.

"People may not realize it, but science is a lot of fun," Horvath said. "Nobody ever told me that, but I found out about it. And I've been trying to share that information."

That information was spread all over Fermilab on Thursday, April 23, the third annual combined Earth Day—Daughters and Sons to Work Day observation.

After time for parents and kids to share at the Lab, the day's activities began with a group portrait on the steps of Wilson Hall. Next was a prairie experience, planting wildflower seeds and trees—and more.

"This is the first tree I've ever planted," said Gregor Citver, after working with his son Alexei, 11, to place a small oak tree into a prepared spot.

Citver, who lives on-site with his family, is a guest engineer from Israel in the Technical Division's Development and Testing Department. He's been at the Lab for six months, and expects to remain for another six months or so.

"The planting is a good activity for a child, and it is also a memory for the future," Citver said. "After we leave this place, we will know that our tree is here."

For more than 200 kids and parents taking part in DASTOW (Daughters and Sons To Work) '98, the scope of the day extended from tiny seeds and little trees to the entire universe—which could be placed in a jar and sent swirling into life with a vigorous shake.

"You've got to get lots of colors, or else you'll have a dull universe," said Nancy Lanning of the Ledernan Science Education Center, supervising kids (and a surprising number of solo grownups) selecting an array of sparkly stars, suns and moons to suspend in a jar filled with corn syrup solution.

"This is neat," said Ashley Malo, 6, her eyes as sparkly as the floating stars she had just sent swirling through the jar.

"This is the second time we've been to the Lab together," said her Mom, Charisse Malo of Accounts Payable. "I like it because there are lots of hands-on things for the kids to do."



Jim Loskot of the Particle Physics Division's Tech Teams, plants a tree with his daughter Michelle, 16. (Photo by Jenny Mullins)

Most of all, Ashley like seeing the Lab's bison herd.

"They were walking," she said, "and some of them were in the shade, napping."

Whether shopping for T-shirts at Wilson Hall, or planting trees, or eating hot dogs for lunch, or building Web pages at the Lederman Center, or watching the laser demonstration, or watching super-cooled objects smashed to smithereens in Jerry Zimmerman's Cryo show, it was a special day.

"The Lab is a neat place, and I think science is very interesting," said Claire Muranyi, 9. "We planted a tree, and we went into the 'clean room' where my dad works. It's really fun being here with my dad."

Wade Muranyi, who works in the clean room with the AZero Photoinjector Project, said his daughter had been out to the Open House last Fall, but this was the first time she had experienced his work day.

"Planting the tree was great," he said. "But the best thing was just having her here with me."