

## Calendar

### [Have a safe day!](#)

Tuesday, July 27  
12 p.m.

[Summer Lecture Series](#) - One  
West

Speaker: Debbie Harris,  
Fermilab

Title: Neutrino Physics  
3:30 p.m.

DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
4 p.m.

[Accelerator Physics and  
Technology Seminar](#) - One  
West

Speaker: Alexey Burov,  
Fermilab  
Title: Three Views on Landau  
Damping

Wednesday, July 28  
3:30 p.m.

DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
4 p.m.

[Fermilab Colloquium](#) - One  
West

Speaker: Alessandro Olivi,  
Johns Hopkins University  
Title: Recent Advances in  
Image Assisted Neurosurgical  
Procedures: Improved  
Navigational Accuracy and  
Patient Safety

[Click here](#) for NALCAL,  
a weekly calendar with  
links to additional  
information.

[Upcoming conferences](#)

## Campaigns

[Take Five](#)

[Tune IT Up](#)

H1N1 Flu

## Feature

### Career opportunities abound for TARGET students



Students in the TARGET summer program proudly wear medals they earned by completing a career workshop by the consulting firm Educational GameWorks.

It's the oft-repeated question asked of so many high school students: "What do you want to study in college?"

The 13 students in Fermilab's TARGET program always have their well-rehearsed responses ready, but now that they've been listening to Fermilab scientists and industry professionals talk about their own careers, they're also keeping their options open.

"A couple of scientists have talked about how they thought they knew what they wanted to do, and having a life experience that completely changed their paths," said Karen Lipa, a junior at Glenbard South High School in Glen Ellyn. "It makes you think, 'Wow, that could be something I'm interested in too.'"

TARGET is a highly selective internship for high school students from demographic groups underrepresented in the sciences. The students, all armed with strong math and science backgrounds, work on projects at Fermilab while they learn about electronic circuitry or alternative energy sources.

During the six weeks they're here, TARGET students hear physicists talk about their projects and computer scientists discuss how they came to work at a high-energy physics laboratory. Earlier this month students also got some practical advice about taking advantage of educational opportunities in college from two directors of the multicultural student center at University of Notre Dame.

The message from the pros is clear: whether

## Director's Corner

### On vacation



Fermilab Director Pier Oddone is on vacation. He walked his daughter Sanna "down the aisle" at her wedding ceremony last Saturday.

### Special Announcement

### Volunteers needed for bike ride through Fermilab

Fermilab Natural Areas is assisting with this year's [Chase the Moon Midnight Bike Ride](#) and needs volunteers to guide riders through the laboratory site.

The ride, from midnight to 3 a.m. July 31, raises money for the non-profit Conservation Foundation. Volunteers will receive detailed instructions, transportation in and out of Fermilab and a Chase the Moon T-shirt. Bike traffic volunteers assist riders in knowing how to stay on the route and call support if needed. For more information, call Rod Walton at x2565. To volunteer, contact Chere Hayes at 630-428-4500 x17. Volunteers should meet at the recession area at Marmion Academy at 10:45 p.m. Ask for Chere.

### Photo of the Day

### Newborn bison



For information about H1N1, visit Fermilab's flu information [site](#).

## Weather



[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

[Secon Level 3](#)

## Wilson Hall Cafe

Tuesday, July 27

- Bagel sandwich
- Golden broccoli soup
- Southern style fish sandwich
- Coconut crusted tilapia
- Burgundy beef tips
- La Grande sandwich
- Assorted sliced pizza
- Chicken fajitas

[Wilson Hall Cafe Menu](#)

## Chez Leon

Wednesday, July 28

- Lunch
- Beef kabobs
  - Rice pilaf
  - Blackberry parfait

[Chez Leon Menu](#)

Call x3524 to make your reservation.

## Archives

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[CMS Result of the Month](#)

[User University Profiles](#)

[ILC NewsLine](#)

you're studying trigonometry or trileptons, you can use the experience you gain in almost any scientific career.

"Sometimes first-generation college students don't know what disciplines they can use their skills in because there hasn't been an engineer or a computer professional in their families," said Dianne Engram, equal opportunity and diversity manager.

The TARGET career effort aims to change that.

"Hearing people communicate those stories with us is useful because we hear the experiences they had and see where our paths fit into that," said Dominic Gattone, who attends Marist High School in Chicago.

"Their opportunities are limitless," said Sandra Charles, administrator of TARGET. "All it takes is some confidence and a little bit of curiosity."

-- *Leah Hesla*

## In the News

### No sighting of Higgs, but Fermilab physicists say they may be close

from **ScienceNOW**, July 26, 2010

A week ago, a rumor sped across the Internet that physicists at Fermi National Accelerator Laboratory (Fermilab) in Batavia, Illinois, had discovered a particle called the Higgs boson, the most-coveted prize in high-energy physics and the fundamental particle thought to give all others their mass. In fact, researchers working with Fermilab's aging atom smasher, the Tevatron, have not spotted the Higgs. But they have narrowed the range of masses in which the particle most likely exists, they reported here today at the International Conference on High Energy Physics.

That improved nonobservation has Fermilab physicists convinced that they have a real shot at seeing the Higgs before it's bagged by a more-powerful atom smasher, Europe's Large Hadron Collider (LHC). So they're pushing to run the Tevatron for three extra years, through 2014. "There's definitely a window of opportunity here," says Dmitri Denisov, a physicist at Fermilab and co-spokesperson for the 500-member team working with the massive D0 particle detector, part of the lab's Higgs-hunting effort.

[Read more](#)

AD's Marty Murphy submitted this image of a cow and her calf. Murphy took the picture on Wednesday, July 21. The bison calf was born earlier that evening.

## Announcements

### Latest Announcements

[JoAnn Larson wins iPod in walking program drawing](#)

[2010 Summer intern group photo - today](#)

[Argentine Tango - Wednesday, July 28](#)

[Bristol Renaissance Faire discount](#)

[Aug. 20 deadline for The University of Chicago Tuition Remission Program](#)

[Applications for URA Visiting Scholars Awards due Aug. 20](#)

[Martial arts classes begin Aug. 9](#)

[Take 5 Challenge Quiz](#)

[Benefit News](#)

[Safari online access to O'Reilly content available for purchase](#)

[Club & League Fair - Aug. 11](#)

[Regal Movie Theater discount tickets available](#)

[NIM and Physics Reports now completely online at Fermilab](#)

[Toastmasters - Aug. 5](#)

[Grounding and Shielding of Electronic Systems course - Aug. 12 and 13](#)

[Free Piano Concert featuring Sandor Feher, Ramsey Auditorium at noon on Aug. 12](#)

[Claudia Schmidt - Singer/Songwriter - Fermilab Arts Series - Aug. 14](#)

[Gizmo Guys - Fermilab Arts Series - Sept. 25](#)

[Submit an announcement](#)

## Info

*Fermilab Today*

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