

## Feature

### Larry Meyer wins 2009 Industrial Hygiene Award



Fermilab Fire Department Battalion Chief Larry Meyer (center right) receives the 2009 Industrial Hygiene award from Fermilab Fire Chief Jack Steinhoff, ES&H's Dave Baird and BSS head Dave Carlson. *Credit: Reidar Hahn*

Larry Meyer was trained to save lives, but Fermilab's Fire Department Battalion Chief didn't expect to do it through an extensive research project.

Meyer recently received the laboratory's 2009 Industrial Hygiene Award for his efforts in researching and recommending a new toxic-air testing instrument to replace a nearly outdated model that was becoming difficult to maintain.

"It is nice to be recognized for doing a good job, but I never expected an award," said Meyer, who has worked at the laboratory for 32 years. "I was just doing my job."

The award is given annually to an employee or a group whose efforts and support have done the most to develop and further Fermilab's industrial hygiene program.

"Chief Meyer really got the ball rolling for the rest of the individuals who use this equipment," said Greg Mitchell, the Industrial Hygiene representative from Business Services Section, who delivered the award.

Firefighters and other laboratory individuals use air monitors prior to entering confined spaces: areas such as utility manholes and pump

## From Computer Security

### Preventing WikiLeaks access

By now, nearly all of you have heard about the documents made public on the WikiLeaks website. These include classified documents.



Mark Leininger

Fermilab began blocking the WikiLeaks website on Wednesday. Blocking access to WikiLeaks will help prevent someone from inadvertently downloading a classified document to a machine on our network. Fermilab maintains a completely unclassified computer network. While we employ a range of security measures to protect financial and personal information, we are prohibited from having classified information at the lab. If someone downloaded a classified document to a computer on the Fermilab network, our network would be considered "contaminated."

That would mean Fermilab would need to engage in a time consuming process to isolate and remove the classified material. This process would include removing one or more machines from the network. If those machines are important for the experimental program or central services, such as web and e-mail servers, it could have a serious impact on our mission. These documents are also available from many other sites, including online newspapers, and we ask that you not use any work resources to view or download these documents. While it might seem intuitive that once a classified document has been publicly exposed it would no longer be considered classified, that is not true. There is some risk to you as an individual of being involved in an investigation if you view or possess classified information.

For these reasons, and following recommendations from DOE and the example of several other laboratories, Fermilab has decided to block access to the WikiLeaks website. Websites that offer material unrelated to the mission of the lab and present some degree of risk are candidates for being blocked. That risk can take the form of illegal activity or causing embarrassment to the lab. In the case of WikiLeaks, the risk potentially

## Calendar

[Have a safe day!](#)

Friday, Dec. 3

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

[Joint Experimental-Theoretical](#)

[Physics Seminar](#) -One West

Speaker: Eric Christy,

Hampton University

Title: Studies of Quark-Hadron

Duality at Jefferson Lab

Monday, Dec. 6

2:30 p.m.

[Particle Astrophysics Seminar](#)

- One West

Speaker: Silvia Galli,

University of Paris

Title: Constraining

Fundamental Physics with

Present and Future CMB

Experiments

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting -

Curia II

Special Topics: 3.9 GHz

Cryomodule Operation at

FLASH-DESY;

JASMIN Radiation Safety

Counter Program

(T972/993/994)

Click here for [NALCAL](#),

a weekly calendar with

links to additional

information.

[Upcoming conferences](#)[Campaigns](#)[Take Five](#)[Weather](#)

Chance of snow  
30°/25°

[Extended Forecast](#)[Weather at Fermilab](#)[Current Security Status](#)[Secou Level 3](#)[Wilson Hall Cafe](#)

Friday, Dec. 3

- Breakfast: Chorizo burrito
- New England clam chowder
- Carolina cheeseburger
- Tuna casserole
- Dijon meatballs over noodles
- Bistro chicken & provolone panini
- Assorted sliced pizza
- \*Carved top round of beef

[Wilson Hall Cafe Menu](#)[Chez Leon](#)

Wednesday, Dec. 8

Lunch

- Swordfish w/ lemon butter sauce
- Spinach risotto
- Lemon Napoleon

Thursday, Dec. 9

Dinner

- Spinach & strawberry salad
- Lobster tail w/drawn butter
- Spaghetti squash w/green onions
- Sautéed pea pods
- White chocolate-raspberry crème brule

[Chez Leon Menu](#)

Call x3524 to make your reservation.

[Archives](#)

vaults. The devices measure air contaminants, such as carbon monoxide and flammable gases, and oxygen levels to assure that the work area is safe.

But Fermilab's air monitors must also work in a helium environment. When Meyer learned last year that the manufacturers of the laboratory's air monitors would no longer offer support, he knew Fermilab had to find a new product, a challenge since helium environments are rare.

He spent six months contacting manufacturing companies and their technical support teams. He and the rest of the Fire Department field tested the equipment and reviewed the site-specific equipment training program.

He eventually found a separate oxygen monitor that works in a helium environment. It will be used in conjunction with regular air monitors.

"This was a big effort," Meyer said. "Air monitors are the items that we probably use the most. We use them every day."

Meyer received the award on Nov. 17. A plaque that bears his name, and the names of previous recipients, now hangs in the Fire Station.

-- *Rhianna Wisniewski*

[In Brief](#)**EAP offers December webinar**

Fermilab's Employee Assistance Program offers a webinar in December titled "The Best Gift of All: Giving the Gift of Forgiveness".

The webinar will address the issues of forgiving versus forgetting, the healing power of forgiveness and how to let go and move on. It will be broadcast on Tuesday, Dec. 7, at 2 p.m. CST, and Thursday, Dec. 9, at 11 a.m. CST.

Anyone interested in virtually attending the live events can register through the Fermilab [EAP website](#) with the User ID "Fermilab" and the password "eap".

The event is one of the monthly one-hour Webinars offered by Fermilab's Employee Assistance Program. All Webinars are archived so they can be viewed at a later date if the scheduled date/time is not convenient.

[In the News](#)

includes both, as well as possible risk to individuals who might come into possession of classified documents without the proper clearance.

-- *Mark Leininger, Computer Security manager*

[In the News](#)**The pop-up LHC: A big bang in a book**

From *Wired.com's GeekDad blog*, Dec. 1, 2010

When you think of pop-up books, you usually think of little kids. Although they're designed by paper "engineers," most don't need a nuclear physicist to explain them. This one is the exception.

Last spring, when my teens and I were building our own particle detectors, I was incredibly excited to hear about Voyage to the Heart of Matter: The ATLAS Experiment at CERN. Written by Emma Sanders and illustrated by Anton Radevsky, Voyage is a pop-up book designed to explain ATLAS, one of the experiments going on at the Large Hadron Collider. ATLAS is looking for clues to the origin of mass, extra dimensions, and dark matter. Unexpected demand for the book, which came out first in the UK, meant a wait on this side of the Atlantic, but the book is finally here.

[Read more](#)

[Announcements](#)**Latest Announcements**

[Disney On Ice presents "Toy Story 3" - Feb. 2-13](#)

[Winter holiday tea - today](#)

[Fermilab blood drive - Dec. 20 & 21](#)

[Scrappers club meets Dec. 7](#)

[Symposium celebrates 25th anniversary of first collisions at Tevatron - Dec. 17](#)

[Annual potluck party and skits - Dec. 17](#)

[Fermilab Arts Series presents "A Celtic Christmas"](#)

[Fermilab Art Gallery - artist reception Dec. 10, painting demo Dec. 15](#)

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*Today*

## Astronomers find triple the number of stars hiding in the universe

From *The Chronicle of Higher Education*, Dec. 1, 2010

If you believe in wishing upon a star, Pieter van Dokkum of Yale University has some good news: There's suddenly about three times as many of them as you may have thought.

Using newly upgraded photographic capabilities at the W.M. Keck Observatory in Hawaii, Mr. van Dokkum led a survey that found a relatively small but plentiful type of star, known as a red dwarf, is far more common in some galaxies than had been assumed by their proportion in our own Milky Way.

The discovery, reported in Wednesday's issue of *Nature* magazine, has implications well beyond Jiminy Cricket and others known to correlate wishes with stars. The billions of additional stars drastically raise the number of possible planets where life may have formed. The newfound stars also might account for some of the "dark matter" in the universe that has driven physicists to build hugely expensive machines designed to seek it out—though those who work on the problem of this unseen matter note that the new stars don't completely solve it.

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