

## Calendar

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

**Wednesday, May 26**  
**3:30 p.m.**  
 DIRECTOR'S COFFEE  
 BREAK - 2nd Flr X-Over  
[Fermilab Colloquium](#) - 1  
 West  
 Speaker: Jan Liphardt,  
 University of California,  
 Berkeley  
 Title: The Intersection of  
 Physics and Biology

**Thursday, May 27**  
**2:30 p.m.**  
[Theoretical Physics  
 Seminar](#) - Curia II  
 Speaker: Anibal Medina,  
 University of California,  
 Davis  
 Title: Continuum  
 Superpartners

**3:30 p.m.**  
 DIRECTOR'S COFFEE  
 BREAK - 2nd Flr X-Over  
[Special Fermilab  
 Colloquium](#) - 1 West  
 Speaker: Yuri Oganessian,  
 Joint Institute for Nuclear  
 Research, Dubna, Russia  
 Title: Heaviest Nuclei: New  
 Element with Atomic  
 Number 117

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

[Upcoming conferences](#)

## Campaigns

[Take Five](#)

[Tune IT Up](#)

## H1N1 Flu

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

## Milestone

### Ed Bucki retires



Ed Bucki

After 30 years as  
 a Department of  
 Energy employee  
 working at  
 Fermilab, Ed  
 Bucki is retiring.

"Ed has been with  
 the Site Office  
 longer than  
 anyone else by  
 far," said Mark  
 Bollinger, DOE

Acting Site Office Manager. He will be  
 dearly missed, especially for his reliability  
 and consistency in looking out for the  
 safety and health of all site employees."

Stop by his open house from 11 a.m.-2  
 p.m. today in the DOE Fermi Site Office,  
 located on the sixth floor of Wilson Hall.

## Special Announcement

### Wilson Hall building closed Saturday, June 5

The highrise building will be closed starting  
 at 12:01 a.m. June 5 and re-open at 6 p.m.  
 to accomodate generator upgrades. Crews  
 must connect the power distribution from  
 the new generator to the existing electrical  
 switchgear, which is located in the  
 basement of the highrise. To make the  
 connection, the power must be shut off in  
 Wilson Hall.

During this shutdown crews will also  
 upgrade domestic water pump controllers  
 by installing energy-efficient controllers. As  
 a result, all restroom facilities will be closed  
 during this outage.

Additionally, Facilities Engineering  
 Services Section staff members will take  
 advantage of the outage and perform  
 preventive maintenance on electrical  
 equipment throughout Wilson Hall.

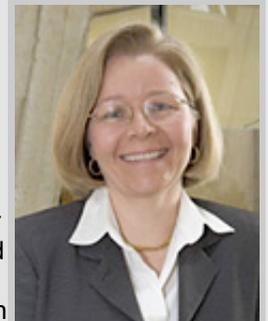
If you have questions, please contact John  
 Kent III at x4753.

## From the Finance Office

### Financial tools for you to use

*Cindy Conger, chief financial officer and  
 head of the Finance Section, wrote this  
 week's column.*

About 200 Fermilab  
 employees are  
 responsible for  
 executing some  
 portion of the  
 laboratory's annual  
 budget. These folks  
 are charged by their  
 division, section and  
 center leaders to  
 perform their work in  
 accordance with the  
 financial plans set



Cindy Conger

forth at the beginning of the year (or  
 approved changes made later in the year)  
 and to keep their leaders informed of  
 significant issues that could affect financial  
 performance during the year.

The Finance Section and the field financial  
 managers in the divisions, sections and  
 centers are the first line for financial  
 questions at the laboratory. They work  
 hard to make sure people with budget  
 execution responsibilities have the right  
 tools to understand their budgets and the  
 actual obligations that have been incurred  
 against those budgets. Nearly all of these  
 tools are financial reports of one kind or  
 another, primarily based on our Oracle  
 Financials system, which is supported by  
 the Fermilab Computing Division.

The Finance Section offers many financial  
 tools and reports to help those with  
 financial responsibilities. Our website  
 includes the [Financial Services Online  
 Applications page](#), available on site or off  
 site through VPN. This webpage features  
 links to project and task listings, purchase  
 order and requisition queries, standard  
 online reports and other online queries.

Especially helpful to those with budget  
 execution responsibilities are two online  
 queries that allow the specification of time  
 period, project and task: the Task  
 Transaction Detail report and the Task  
 Summary Report. The [TTD report](#) returns

## Weather



Chance of  
thunderstorms  
84°/63°

[Extended Forecast](#)  
[Weather at Fermilab](#)

## Current Security Status

[Secou Level 3](#)

## Wilson Hall Cafe

### Wednesday, May 26

- Breakfast: English-muffin sandwich
- Beef barley soup
- Gyros
- Caribbean grille Salmon
- Stuffed pepper
- Cuban panini
- Beef and cheddar panini
- Assorted slice pizza
- Grilled chicken Bowtie w/tomato cream

[Wilson Hall Cafe Menu](#)

## Chez Leon

### Wednesday, May 26 Lunch

- Blackened chicken tortellini Alfredo
- Blackberry-lemon pudding cake

### Thursday, May 27 Closed

[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](#)

## Info

## Photo of the Day

## Employees take time out for fitness



Visual Media Services employees walk around the Main Ring as part of Employee Health and Fitness Day on May 19. From left: Karen Seifrid, Cindy Arnold, Diana Canzone and Jim Shultz.

## In the News

## Superconductivity breakthrough could lead to more cost-effective technologies

From *Interactions News Wire*, May 24, 2010

Researchers from the Universities of Liverpool and Durham have fitted another piece into the superconductivity puzzle that could help in the quest to bring down the cost of technologies such as MRI scanners and some energy storage applications that rely on superconductors. The result is published online in the journal *Nature* (19th May 2010).

Using the ISIS and Diamond Facilities at the Science and Technology Facilities Council's Rutherford Appleton Laboratory (RAL) and the European Synchrotron Radiation Facility (ESRF) in Grenoble, scientists have demonstrated how a new material made from metal atoms and buckyballs (tiny carbon-60 molecules shaped like a football) becomes a high temperature superconductor when it is squashed. The applied pressure shrinks the structure and overcomes the repulsion between the electrons, allowing them to pair up and travel through the material without resistance.

The Liverpool and Durham researchers made the new material supported by funding from the Engineering and Physical Sciences Research Council for a program investigating ways of creating higher temperature superconductors, to reduce some of the costs involved with keeping

all the detailed obligation transactions against a particular project and task during a one-month period by expenditure type. (Payroll details, of course, are not available except through the appropriate field financial manager.) The [TSR](#) returns summary information for one or more tasks in the same project, including costs for the current month, fiscal year, and inception-to-date, as well as year-to-date and inception-to-date obligations; open commitments and open requisitions. It also includes the fiscal-year obligation budget and the budget balance.

Finding the report you need and understanding the information in these reports can be challenging; your field financial manager and the Finance Section's Budget Office are here to help.

## Safety Update

## ES&H weekly report, May 25

This week's safety report, compiled by the Fermilab ES&H section, includes one first-aid injury. Find the full report [here](#).

[Safety report archive](#)

## Announcements

### Latest Announcements

[Weekly time sheets due Friday](#)

[Ask HR: 15th floor visits CD - FCC on Wednesday, June 2](#)

[Ask HR - 15th floor comes to CDF today](#)

[Diversity Office volunteer opportunity - May 25-June 8](#)

[Toastmaster meeting - June 3](#)

[Project Scheduling and Earned Value Management Systems - May 26-27](#)

[ES&H web server down today](#)

[Argentine Tango each Wednesday, May 5 to May 26](#)

[10,000 Steps Per Day walking program](#)

[Sand Volleyball held on Tuesdays starting May 25](#)

[May Benefits Bulletin](#)

[43rd Fermilab Users' Meeting registration - June 2 - 3](#)

[SciTech summer camps start - June 14](#)

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is online at:  
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them at their optimum temperature and broaden their applications. An MRI scanner for example, contains person-sized superconductive magnet that needs to be kept inside a bath of liquid helium in order to regulate the superconductor's temperature at - 270 degrees Celcius. The ultimate aim is for a superconductor to operate at room temperature to eliminate the need for large and expensive cooling systems.

[Read more](#)

[Employee discount at Batavia Rosati's](#)

[Fermilab Arts Series presents Corky Siegel and Chamber Blues - June 26](#)

[Sign up for summer Science Adventures classes](#)

[Introduction to LabVIEW course - July 13](#)

[Embedded Design with LabVIEW FPGA and CompactRIO seminar - July 13](#)

[Interaction Management Coaching Forum - July 27](#)

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[Submit an announcement](#)